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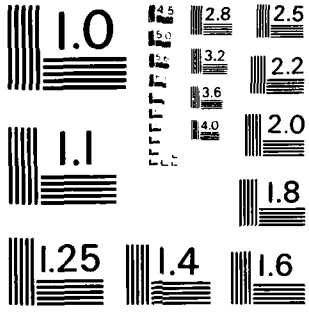

PHYSICAL OCEANOGRAPHY REPORT

HELICOPTER-BASED STD DATA FROM

MIZEX 83

by T.O. Manley, Dennis Camp, Kenneth Hunkins, Werner Tiemann

TECHNICAL REPORT

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Lamont-Doherty Geological Observatory of Columbia University
Palisades, New York 10964

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ABSTRACT

During the 1983 Marginal Ice Zone Experiment (MIZEX 83) located in the Fram Strait, both ship and helicopter-based C/STD's were used to define the finescale and larger oceanographic structures within the operational area. This technical report outlines the acquisition and data reduction programs for the 120 helicopter-based stations taken during that time period.

Very little manipulation was done to the data to finalize it, since both helicopter C/STD's showed very little deviation from pre- and post-cruise calibrations. The only exception was the calibration equation offsets for conductivity on both instruments. For these offset determinations, bottle and intercalibration data were used to define the coefficients. Response time of the temperature sensor was corrected for thermal lag constant (τ) until descending and ascending parts of the cast on a T-S diagram were nearly congruent.

Standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height, and sound velocity are given for each cast along with plotted profiles of temperature, salinity and sigma-t.

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INTRODUCTION

In summer the central Arctic Ocean is covered with a mosaic of ice floes about 3 m in thickness and ranging up to several kilometers in width. In winter, sea ice extends far beyond the limits of this perennial pack, covering the entire Arctic Ocean, including the shelf seas, and reaching into the Bering Sea and Canadian Archipelago. The ice of this seasonal winter extension attains one to two meters in thickness. Ice extent varies also on scales other than seasonal, with fluctuations varying in length from hours and days to the ice age variations extending over millenia.

When observed from above, the open ocean is dark in color, while sea ice, when covered with snow, is white. The albedo (fraction of light reflected) is about 0.1 for the open sea and about 0.8 for snow-covered sea ice. This large contrast is albedos leads to strong contrast in radiation budgets between ice and open water, which relates directly to the heat budget over the ocean.

The fundamental question is how sea ice relates to weather and climate. There is clearly a close relationship, but it is not clear to what degree sea ice is a passive result of other climatic influences and to what degree it is an active element which is capable of itself interacting with ocean and atmosphere to produce effects which are not presently predictable. A number of ways in which ice, air and water interact have been identified, but their relative importance is not known.

The actual dividing line between sea ice and open ocean, the ice edge, should be the most sensitive area to influences controlling ice extent, and it is the region which has been chosen for study. The location of the edge of the ice pack depends upon the action of winds and currents, as well as on the heat budget. These factors are not straightforward since there is an

interaction of air, sea and ice with each other in various feedback loops. For example, when the ocean freezes, albedo decreases sharply, and short-wave radiation, which has been warming the water, is reflected, thus intensifying the cooling effect in a positive feedback. Another positive feedback occurs when ice melts, stratifying the ocean with a surface layer of low salinity. The stratification inhibits vertical mixing and heat loss, thus slowing the rate of melting.

An understanding of these and other physical processes needs to be based on actual observations of ice edge changes. Such observations are essential for the design of models designed to reproduce these processes, making it possible to predict changes in ice edge location.

The ice margin in Fram Strait between Greenland and Svalbard may be characterized as "advective", dominated by ocean currents and wind, rather than by heat budget. In this region, sea ice from the Arctic Ocean is carried far south into the Atlantic by the cold, low-salinity East Greenland Current on the west side of the Strait. On the east side, the warm high-salinity West Spitsbergen Current keeps the coast nearly ice free throughout the year. The ocean in the Greenland Sea marginal ice zone is dominated by permanent and transient frontal systems, by eddies and by upwelling along the ice edge. Vertical fine structure (10 m) and mesoscale (100 m) structures formed by interleaving of Polar and Atlantic Water intrusions are also frequently observed.

These features are unique to the ocean in marginal ice zones and must interact with the ice and atmosphere. During summer for example, the front along the ice edge is intensified by meltwater input. Another interaction occurs when ocean eddies carry ice across the marginal ice zone into warmer water where it melts. In still another interaction, the strong stratification

resulting from summer meltwater reduces vertical mixing of momentum and reduces the drag coefficient between ice and water so that floes drift faster given the same wind stress to drive them. We need to know the relative importance of these and other interactions in controlling the location of the ice edge. The Marginal Ice Zone Experiment (MIZEX) pilot program was designed to provide at least partial answers to some of these questions.

To help carry out oceanographic investigations over the ice-covered part of the marginal ice zone, two 206B Bell helicopters were used. A portable C/STD profiler, developed by Ocean Data Systems, has been modified and improved by the Lamont group for these helicopter surveys. During MIZEX 83, profiles were made at 120 sites comprising 10 surveys using helicopters based primarily on the Norwegian M/V POLARBJORN, with some flying also from the Norwegian R/V LANCE and FRG icebreaker, POLARSTERN (Fig. 1). These helicopter surveys are closely coordinated with STD surveys in open water carried out by oceanographers from the University of Bergen. The helicopter and ship results were combined to give synoptic views of oceanographic structure across the entire marginal ice zone, both open and covered.

PHYSICAL OCEANOGRAPHY PROGRAM

During MIZEX 83, two Bell 206B Jet Rangers were stationed on the ice-strengthened ship, M/V POLARBJORN. The Jet Rangers were significantly smaller than the Bell 204 helicopter that was used exclusively during the 1979-1982 FRAM C/STD surveys (Manley, et al., 1982a; Manley, et al., 1982b).

Two internally-recording helicopter portable C/STD's manufactured by Ocean Data Equipment were used during this experiment. One was the newer,

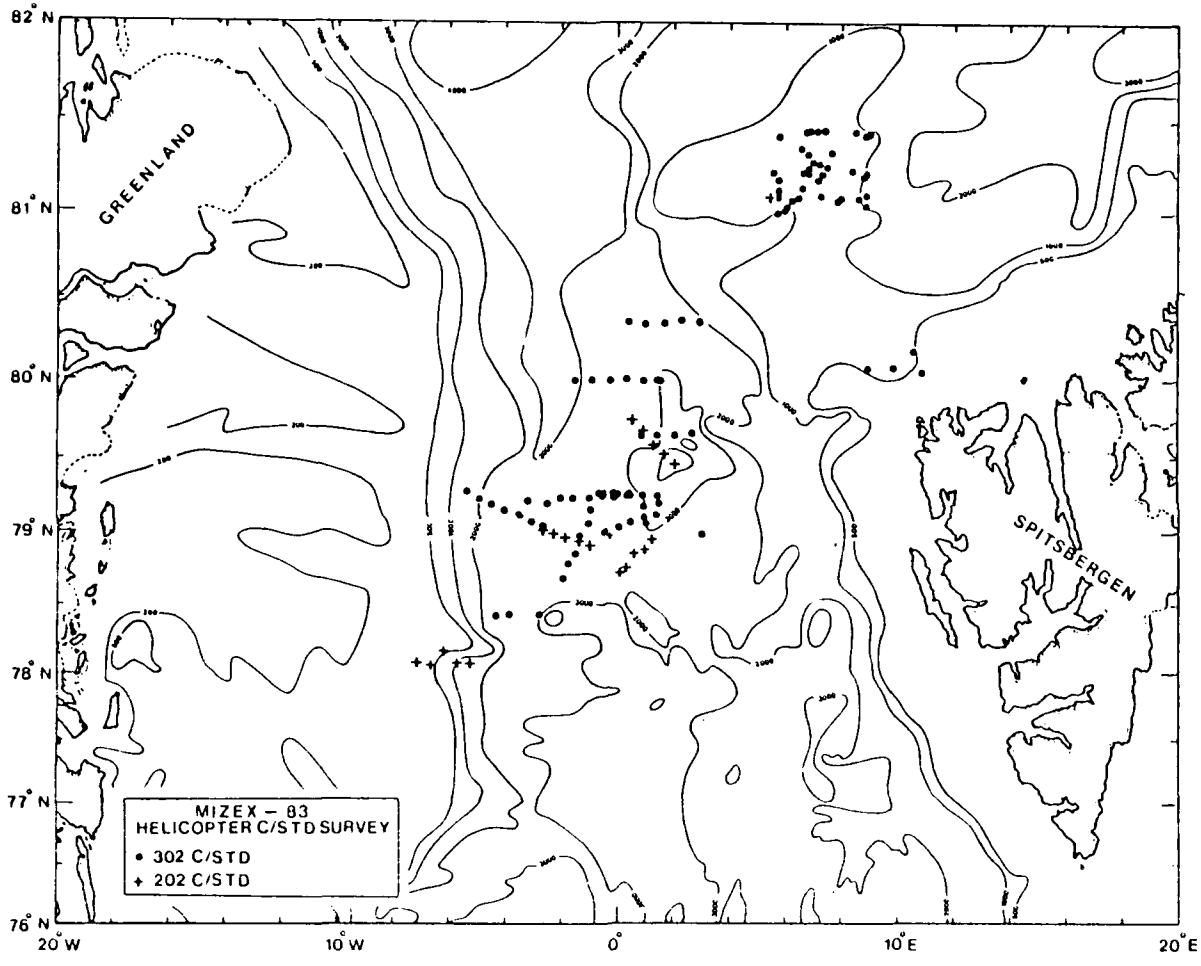

Figure 1 - Positions of the 302 and 202 C/STD stations in the Fram Strait. Of the 120 total stations, 108 were helicopter-based. Contours show bottom topography in meters.

more compact Model 302, and the second was the older Model 202. Prior to the experiment, a combination winch-platform/sonde-cradle support system was developed at Lamont to specifically conform to the passenger compartment of the Jet Ranger.

Unfortunately, the 202 underwater unit was longer than the helicopter width which prohibited the use of the sonde cradle. With some reorganization, the unit was fitted into the passenger compartment. Because of its weight, however, it was difficult to get it in and out. For this reason, the 202 was never used unless both helicopters would be running C/STD surveys concurrently or it was impossible to use the 302 at that time.

During a normal field day, eight to ten pre-selected locations were occupied in the Marginal Ice Zone. These stations took eight hours to complete, although factors such as inter-station distance, maximum distance from ship, depth of stations, survey pattern, and ice conditions could alter this time by ±3 hours. A C/STD station to 300 m depth would normally take 20 mintues to complete, while transit time in the helicopter to the next location 6 nautical miles (nm) away would be around 8 minutes.

Two of the major factors which controlled flight operations in this area were weather conditions and radio communications. Over 70% of the time spent in the MIZ had marginal flying conditions due to ground fog caused by the warm moist air being blown onto the ice cover. As the moisture-laden air cooled down, condensation produced, in some cases, 00-00 conditions.

Station location was determined by two different methods: 1) Radar transponder and 2) Omega. In surveys where station positions were close to the ship and accuracy was required, the helicopter was tracked on the ship's radar using a radar transponder mounted on the helicopter. This method was employed quite successfully during the first part of the experiment. At

distances around 40 nm, relative position was good to ±200 meters. At shorter distances, less than 10 nm, the fixes were good to ± 10's of meters. During the time periods when fog was a problem, transponders were also used in guiding the helicopter to the ship.

Omega, on the other hand, allows more flexibility of the helicopter since longer flights away from the ship can be obtained and not as many shipboard personnel are required. Accuracy of Omega in this area of the globe depends on the number of sending stations being monitored by the onboard computer but will generally be within 100 to 500 meters.

After the position was obtained, the closest available floe with good deployment and landing characteristics was picked out from altitudes of 2,000 3,000 feet, which are necessary for radio communications at great distance from the ship.

After landing, the underwater unit would then be turned on, attached to the winch cable and deployed over the edge of the floe using a cantilever pulley. The sonde would remain at the surface for a short period of time for the sensors to reach equilibrium.

Data acquisition commenced at the time the unit was placed in the water, and was recorded at a rate of 5 scans per second, each scan comprised of a temperature, conductivity, and pressure observation. Data were also recorded during the uptrace.

The sonde was lowered and raised at two different rates, 20 m/min in the upper 100 meters where extreme gradients in temperature and conductivity are found, and 40 m/min from 100 to 300 m where gradients are much less. The slower rate near the surface was done primarily to obtain more acceptable results in the calculated salinity profile where rapidly changing

finestructure and extreme gradients can frequently cause spiking due to the variations in the response times of the individual sensors.

When the sonde was finally brought to the surface, it was immediately taken back to the helicopter. The deck unit was then connected to it and data transferred to cassette. Two complete dumps of the data in RAM were placed on a single cassette as a safety precaution against bad recording. The cassette was then rewound and data verified with the LED displays on the deck unit.

Prior to leaving the site, the OMEGA system would be reinitialized to the latitude and longitude prior to landing. Because the OMEGA could not successfully lock onto stations while on the ice, several hundred feet of altitude had to be obtained. Site position was then entered into the navigation system as the final flyby over the site was made subsequent to the system acquiring the minimum number of OMEGA transmitting stations.

Remaining C/STD stations in the survey were then completed depending on the weather, radio communications, and occasionally a refueling of the helicopter onboard the ship.

After the completion of the survey, the underwater unit would be recharged (on the ship), while the data from the various stations were fed to an X-Y-Y analog plotter.

One major advantage of the output from the deck unit is that it reflects the most recent calibration available for the underwater unit. This allows for 1) easy comparison with previous data in the observational area, 2) the ability to merge data from other calibrated instruments in the field to obtain a better and possibly larger picture of the oceanic structure, and 3) the ability of the investigator to keep track of specific features within the ocean and alter observational plans accordingly.

When time and operations permitted, the deck unit was used to transfer the cassette data to a Hewlett-Packard 1000 series computer for storage on 9-track tape. The deck unit software was designed to mimic the output data stream of the Neil Brown deck unit. This allowed the use of existing acquisition software developed by Woods Hole Oceanographic Institution for Neil Brown CTDs to be used on the Hewlett-Packard computer. The resulting 9-track tape can be reduced on other computers using data reduction programs in common use by the oceanographic community.

This conversion to 9-track tapes at sea not only obviates the need to bring all of the cassettes immediately back to the institution, but also speeds up the processing time.

C/STD DATA PROCESSING

Raw data from each instrument were then decimated into a uniform pressure series using a linear interpolation scheme with a window of 5 scans centered around the desired level. Due to the different digitizing resolutions of each instrument, two differnet pressure intervals were chosen. The higher resolution 302 had a 0.25 db interval, and the lower resolution 202 used a 0.50 db interval.

In order to define the best temperature lag coefficient, τ, for each sensor, up and downtraces using different time constants were run through the entire data set and compared using T-S diagrams. From these comparisons it was determined that the best overall fits occurred when τ was set at 0.0 seconds and 0.375 seconds for the 202 and 302, respectively.

Irregularities or spikes in the data were removed subjectively. In most cases these were single points that were taken out and did not interrupt the uniform pressure series. Occasionally, segments of data would have to be removed and would either be replaced by interpolated data or left alone. These decisions were again subjective and depended largely on the local conductivity and temperature structure.

At the same time, the upper 2 meters of data (mean thickness of the ice) were automatically removed from each station. This was done to prevent misinterpretations of the results which were attributable to the methodology of taking the station (ie., through seal holes or off the edge of a floe).

In the final analysis, only 8 of the 120 stations had blocks of data greater than 10 m which were removed from the profiles.

C/STD CALIBRATION

The final calibration for each of the sensors was determined primarily using an interpolated drift from the pre-cruise calibration (June 1983) to the post-cruise calibrations (October 1983), which were both done at Northwest Regional Calibration Center.

Tables 1 and 2 show the calibration equations for June and October of 1983 for all sensors on both instruments. With the exception of the conductivity intercept on both the 202 and 302, all other values were within accuracy specifications of the instruments.

The conductivity intercept for the 302 was provided by an intercalibration run with a Neil Brown CTD located on the R/V LANCE, which in turn was calibrated with bottle samples. Throughout the profile, the conductivity

between the 302 and the Neil Brown varied only by a constant indicating no pressure dependence on that channel. When the bottle data were determined, the conductivity intercept was computed using the previously determined calibration slope and appears in Table 1. The 202 conductivity intercept was determined in a similar manner, however, the intercalibration run was with the 302. Once the calibration equations were determined, final data were then computed and plotted.

TABLE 1

302 Calibration

Linear calibration equations for 302 sensors obtained from Northwest Regional Calibration Center before (June 1983) and after (October 1983) MIZEX 83 field experiment. Final equations are also shown. The letters m and B are the slope an intercept coefficients, respectively.

	Conductivity mS		Temperature °C		Pressure PSIG	
	m	B	m	B	m	B
Jun 83	.00474802	-.175	.00104764	-2.403	.129126	-49.09
Oct 83	.00475859	-.315	.00105010	-2.413	.129075	-48.83
Final	.00475153	-.267*	.00104846	-2.405	.129090	-48.98

*provided by intercalibration

TABLE 2

202 Calibration

Linear calibration equations for 202 sensors obtained from Northwest Regional Calibration Center before (June 1983) and after (October 1983) MIZEX 83 field experiment. Final equations are also shown.

	Conductivity mS		Temperature °C		Pressure PSIG	
	m	B	m	B	m	B
Jun 83	.0086566	.378	.00210846	-2.638	.262858	-35.49
Oct 83	.0087483	.097	.00210319	-2.651	.26300	-32.49
Final	.0086795	.283*	.00210714	-2.641	.262942	-33.69

*provided by intercalibration

STATION INFORMATION

In this section is a brief listing of all the CTD stations taken during MIZEX 83, along with other pertinent information. A list of the terms and their meanings is shown below

CAMP	Name of Camp
STAT	CTD Station
MODE	1 implies downtrace
	2 implies uptrace
DAY	Day of Station
MON	Month of Station
YR	Year of Station
TIME	GMT Time of Station
CODE	Processing Code, see Table 2
JULDAY	Julian Day (decimal) of station
D.MIN	Minimum Depth (meters) of station
D.MAX	Maximum Depth reached at station
LATITUDE	Latitude of station in decimal degrees
LONGITUDE	Longitude of station in decimal degrees
	(- indicates West Longitude)
LT. ERR	Error of Latitude Position in meters
LG. ERR	Error of Longitude Position in meters

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LNG.ERR
MIZEX-83	1	1	21	JUN	83	2025	1	172.8507	3.9	182.2	80.18420	10.55000	30.0	30.0
MIZEX-83	2	1	21	JUN	83	2232	1	172.9389	2.7	290.0	80.05450	10.89070	30.0	30.0
MIZEX-83	3	1	22	JUN	83	50	1	173.0347	4.7	310.1	80.08420	9.89170	30.0	30.0
MIZEX-83	4	1	22	JUN	83	235	1	173.1076	1.9	317.1	80.07470	8.97270	30.0	30.0
MIZEX-83	5	1	26	JUN	83	1435	1	177.6076	1.9	394.3	81.08620	5.48530	30.0	30.0
MIZEX-83	6	1	27	JUN	83	1425	1	178.6007	7.2	400.9	81.03480	6.18570	30.0	30.0
MIZEX-83	7	1	28	JUN	83	1357	1	179.5813	8.7	400.9	81.01830	6.04120	30.0	30.0
MIZEX-83	8	1	28	JUN	83	1645	1	179.6979	1.9	411.5	81.00800	5.70330	30.0	30.0
MIZEX-83	9	1	29	JUN	83	1043	1	180.4465	1.9	391.0	81.09050	6.12570	30.0	30.0
MIZEX-83	10	1	29	JUN	83	1454	1	180.6208	4.1	410.8	81.07930	6.25220	30.0	30.0
MIZEX-83	11	1	29	JUN	83	1540	1	190.6528	5.1	47.6	81.07930	6.25220	30.0	30.0
MIZEX-83	12	1	1	JUL	83	1314	1	182.5514	5.6	322.8	81.19070	7.15630	30.0	30.0
MIZEX-83	13	1	1	JUL	83	1635	1	182.6910	4.1	298.5	81.45000	7.14000	150.0	150.0
MIZEX-83	14	1	2	JUL	83	1127	1	183.4771	1.9	410.3	81.20050	7.34180	30.0	30.0
MIZEX-83	15	1	2	JUL	83	2222	1	183.9319	5.1	302.3	81.45670	7.42000	150.0	150.0
MIZEX-83	16	1	2	JUL	83	2320	1	183.9722	1.9	303.9	81.43000	5.78000	150.0	150.0
MIZEX-83	17	1	3	JUL	83	4	1	184.0028	1.9	301.7	81.18000	5.79000	150.0	150.0
MIZEX-83	18	1	3	JUL	83	49	1	184.0340	16.1	304.2	81.09000	5.78000	150.0	150.0
MIZEX-83	19	1	3	JUL	83	135	1	184.0660	1.9	302.7	81.09000	6.50000	150.0	150.0
MIZEX-83	20	1	3	JUL	83	215	1	184.0938	1.9	304.7	81.09000	7.15000	150.0	150.0
MIZEX-83	21	1	3	JUL	83	320	1	184.1389	9.4	299.7	81.08000	7.89000	150.0	150.0
MIZEX-83	22	1	3	JUL	83	622	1	184.2653	1.9	301.5	81.44000	9.00000	150.0	150.0
MIZEX-83	23	1	3	JUL	83	709	1	184.2979	1.9	301.5	81.21000	8.92000	150.0	150.0
MIZEX-83	24	1	3	JUL	83	749	1	184.3257	1.9	306.0	81.10000	8.92000	150.0	150.0
MIZEX-83	25	1	5	JUL	83	1253	1	186.5368	13.9	307.9	81.36000	6.62000	150.0	150.0
MIZEX-83	26	1	5	JUL	83	1336	1	186.5667	1.9	303.2	81.32000	6.79000	150.0	150.0
MIZEX-83	27	1	5	JUL	83	1351	1	186.5771	4.7	303.7	81.28770	6.97950	30.0	30.0
MIZEX-83	28	1	5	JUL	83	1440	1	186.6111	1.9	306.4	81.25000	6.83000	150.0	150.0
MIZEX-83	29	1	5	JUL	83	1520	1	186.6389	1.9	306.1	81.22000	6.62000	150.0	150.0
MIZEX-83	30	1	5	JUL	83	1556	1	186.6639	3.9	302.7	81.27000	7.23000	150.0	150.0
MIZEX-83	31	1	5	JUL	83	1635	1	186.6910	2.0	301.9	81.26000	7.51000	150.0	150.0
MIZEX-83	32	1	7	JUL	83	1451	1	188.6188	5.6	303.9	81.46000	7.46000	150.0	150.0
MIZEX-83	33	1	7	JUL	83	1532	1	188.6472	3.7	305.4	81.43000	8.91000	150.0	150.0
MIZEX-83	34	1	7	JUL	83	1618	1	188.6792	1.9	299.5	81.21000	8.83000	150.0	150.0
MIZEX-83	35	1	7	JUL	83	1655	1	188.7049	1.9	300.2	81.08000	8.72000	150.0	150.0
MIZEX-83	36	1	7	JUL	83	1742	1	188.7375	1.9	301.2	81.08000	7.99000	150.0	150.0
MIZEX-83	37	1	7	JUL	83	1830	1	188.7708	1.9	305.7	81.10000	7.25000	150.0	150.0
MIZEX-83	38	1	7	JUL	83	1910	1	188.7986	1.9	300.8	81.14000	6.63000	150.0	150.0
MIZEX-83	39	1	7	JUL	83	2018	1	188.8458	1.9	305.4	81.11000	5.80000	150.0	150.0
MIZEX-83	40	1	7	JUL	83	2100	1	188.8750	1.9	306.4	81.21000	5.70000	150.0	150.0
MIZEX-83	41	1	7	JUL	83	2210	1	188.9236	1.9	306.9	81.45000	5.80000	150.0	150.0
MIZEX-83	42	1	8	JUL	83	1948	1	189.8250	4.4	306.1	81.34780	7.63580	30.0	30.0
MIZEX-83	43	1	8	JUL	83	2032	1	189.8556	3.7	306.7	81.23000	8.37000	150.0	150.0
MIZEX-83	44	1	8	JUL	83	2119	1	189.8802	2.6	297.2	81.22000	6.82000	150.0	150.0
MIZEX-83	45	1	8	JUL	83	2202	1	189.9181	4.1	297.8	81.46000	6.84000	150.0	150.0
MIZEX-83	46	1	8	JUL	83	2253	1	189.9535	3.9	303.2	81.45000	8.46000	150.0	150.0
MIZEX-83	47	1	11	JUL	83	1356	1	192.5806	3.2	301.7	80.36670	2.97170	300.0	300.0
MIZEX-83	48	1	11	JUL	83	1436	1	192.6083	1.9	292.8	80.37330	2.35500	300.0	300.0
MIZEX-83	49	1	11	JUL	83	1523	1	192.6410	1.9	318.6	80.36000	1.73000	300.0	300.0
MIZEX-83	50	1	11	JUL	83	1609	1	192.6729	1.9	306.4	80.36170	1.05670	300.0	300.0
MIZEX-83	51	1	11	JUL	83	1650	1	192.7014	1.9	302.0	80.37000	0.42500	300.0	300.0
MIZEX-83	52	1	11	JUL	83	2108	1	192.8806	1.9	305.7	80.00670	1.60170	300.0	300.0
MIZEX-83	53	1	11	JUL	83	2208	1	192.9222	1.9	303.5	79.99330	1.00330	300.0	300.0
MIZEX-83	54	1	11	JUL	83	2250	1	192.9514	1.9	305.2	80.00830	0.38170	300.0	300.0
MIZEX-83	55	1	11	JUL	83	2333	1	192.9812	1.9	300.9	80.00000	-0.23500	300.0	300.0
MIZEX-83	56	1	12	JUL	83	13	1	193.0090	1.9	303.2	80.00000	-0.86330	300.0	300.0
MIZEX-83	57	1	12	JUL	83	1444	1	193.6139	4.1	301.5	79.65500	2.74170	300.0	300.0
MIZEX-83	58	1	12	JUL	83	1532	1	193.6472	1.9	307.6	79.64830	2.15500	300.0	300.0
MIZEX-83	59	1	12	JUL	83	1616	1	193.6778	1.9	299.0	79.64830	1.48830	300.0	300.0
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MIZEX-83	61	1	15	JUL	83	1917	1	196.8035	1.9	307.9	79.20330	1.56500	300.0	300.0
MIZEX-83	62	1	15	JUL	83	1935	1	196.8160	1.9	303.5	79.44500	2.08330	300.0	300.0
MIZEX-83	63	1	15	JUL	83	2005	1	196.8368	1.9	297.5	79.16670	0.98670	300.0	300.0
MIZEX-83	64	1	15	JUL	83	2038	1	196.8597	1.9	301.1	79.53170	1.70330	300.0	300.0
MIZEX-83	65	1	15	JUL	83	2056	1	196.8722	1.9	314.1	79.24500	0.47670	300.0	300.0
MIZEX-83	66	1	15	JUL	83	2136	1	196.9000	1.9	299.1	79.60170	1.30170	300.0	300.0
MIZEX-83	67	1	15	JUL	83	2147	1	196.9076	1.9	303.7	79.25170	-0.02830	300.0	300.0
MIZEX-83	68	1	15	JUL	83	2230	1	196.9375	1.9	296.1	79.67670	0.96500	300.0	300.0
MIZEX-83	69	1	15	JUL	83	2240	1	196.9444	1.9	302.0	79.25500	-0.60170	300.0	300.0
MIZEX-83	70	1	15	JUL	83	2321	1	196.9729	1.9	294.5	79.75330	0.61170	300.0	300.0

CAMP	STAT	MODE	DY	MON	YR	TIME	CODE	AJXDAY	D.MIN	D.MAX	LATITUDE	LONGITUDE	LAT.ERR	LNG.ERR
MIZEX-83	71	1	18	JUL	83	1358	1	199.5819	1.9	301.9	78.94670	1.35500	300.0	300.0
MIZEX-83	72	1	18	JUL	83	1425	1	199.6007	4.9	408.8	79.25500	1.50000	300.0	300.0
MIZEX-83	73	1	18	JUL	83	1450	1	199.6181	1.9	308.0	78.88830	1.01170	300.0	300.0
MIZEX-83	74	1	18	JUL	83	1519	1	199.6382	4.1	408.6	79.25000	1.01670	300.0	300.0
MIZEX-83	75	1	18	JUL	83	1539	1	199.6521	1.9	326.2	78.83670	0.63500	300.0	300.0
MIZEX-83	76	1	18	JUL	83	1608	1	199.6722	1.9	406.3	79.25330	0.42670	300.0	300.0
MIZEX-83	77	1	18	JUL	83	1626	1	199.6847	1.9	299.5	78.76170	0.37670	300.0	300.0
MIZEX-83	78	1	18	JUL	83	1714	1	199.7181	1.9	306.6	78.73170	0.08500	300.0	300.0
MIZEX-83	79	1	18	JUL	83	1723	1	199.7243	3.9	399.2	79.00000	3.01330	300.0	300.0
MIZEX-83	80	1	19	JUL	83	1806	1	200.7542	4.9	400.4	79.25000	0.05000	300.0	300.0
MIZEX-83	81	1	19	JUL	83	1903	1	200.7937	7.4	301.2	79.25670	0.51500	300.0	300.0
MIZEX-83	82	1	19	JUL	83	1950	1	200.8264	5.6	402.4	79.01000	-0.47500	300.0	300.0
MIZEX-83	83	1	19	JUL	83	2039	1	200.8604	1.9	396.7	79.03330	0.05500	300.0	300.0
MIZEX-83	84	1	19	JUL	83	2124	1	200.8917	4.1	384.3	79.06830	0.49670	300.0	300.0
MIZEX-83	85	1	19	JUL	83	2209	1	200.9229	3.2	396.4	79.10170	1.03170	300.0	300.0
MIZEX-83	86	1	19	JUL	83	2304	1	200.9611	1.9	397.9	79.13170	1.43170	300.0	300.0
MIZEX-83	87	1	20	JUL	83	1559	1	201.6660	1.9	301.1	78.97830	-1.28000	300.0	300.0
MIZEX-83	88	1	21	JUL	83	818	1	202.3458	1.9	309.0	79.02830	-2.62170	300.0	300.0
MIZEX-83	89	1	21	JUL	83	820	1	202.3472	1.9	307.6	79.04330	-2.66170	300.0	300.0
MIZEX-83	90	1	21	JUL	83	855	1	202.3715	1.9	307.9	79.08500	-3.08670	300.0	300.0
MIZEX-83	91	1	21	JUL	83	943	1	202.4049	1.9	307.6	79.11500	-3.48330	300.0	300.0
MIZEX-83	92	1	21	JUL	83	1029	1	202.4368	1.9	304.2	79.15500	-3.98330	300.0	300.0
MIZEX-83	93	1	21	JUL	83	1114	1	202.4681	1.9	303.9	79.19170	-4.41830	300.0	300.0
MIZEX-83	94	1	21	JUL	83	1206	1	202.5042	1.9	293.3	79.22830	-4.88500	300.0	300.0
MIZEX-83	95	1	21	JUL	83	1254	1	202.5375	1.9	303.5	79.00000	-2.23500	300.0	300.0
MIZEX-83	96	1	21	JUL	83	1259	1	202.5410	1.9	298.0	79.26170	-5.33500	300.0	300.0
MIZEX-83	97	1	21	JUL	83	1344	1	202.5722	1.9	301.6	78.97000	-1.87330	300.0	300.0
MIZEX-83	98	1	21	JUL	83	1441	1	202.6118	1.9	351.0	78.94170	-1.39670	300.0	300.0
MIZEX-83	99	1	21	JUL	83	1529	1	202.6451	6.9	309.9	78.91330	-0.98330	300.0	300.0
MIZEX-83	100	1	22	JUL	83	747	1	203.3243	2.5	306.4	79.24830	-0.52330	300.0	300.0
MIZEX-83	101	1	22	JUL	83	823	1	203.3493	1.9	305.2	79.16170	-0.86000	300.0	300.0
MIZEX-83	102	1	22	JUL	83	856	1	203.3722	1.9	302.0	79.07170	-1.05500	300.0	300.0
MIZEX-83	103	1	22	JUL	83	929	1	203.3951	1.9	302.4	78.97500	-1.35330	300.0	300.0
MIZEX-83	104	1	22	JUL	83	1000	1	203.4167	1.9	287.3	78.87830	-1.48500	300.0	300.0
MIZEX-83	105	1	22	JUL	83	1032	1	203.4389	1.9	306.7	78.78500	-1.76170	300.0	300.0
MIZEX-83	106	1	22	JUL	83	1104	1	203.4611	1.9	297.5	78.69170	-1.93500	300.0	300.0
MIZEX-83	107	1	25	JUL	83	2001	1	206.8340	1.9	303.7	79.24500	-0.03000	300.0	300.0
MIZEX-83	108	1	25	JUL	83	2041	1	206.8618	1.9	301.2	79.24000	-0.49330	300.0	300.0
MIZEX-83	109	1	25	JUL	83	2119	1	206.8882	2.9	299.0	79.23330	-0.95500	300.0	300.0
MIZEX-83	110	1	25	JUL	83	2156	1	206.9139	1.9	306.9	79.23330	-1.52830	300.0	300.0
MIZEX-83	111	1	25	JUL	83	2229	1	206.9368	1.9	304.9	79.23170	-1.97500	300.0	300.0
MIZEX-83	112	1	25	JUL	83	2303	1	206.9604	1.9	300.5	79.20000	-2.49670	300.0	300.0
MIZEX-83	113	1	25	JUL	83	2340	1	206.9861	1.9	296.0	79.21330	-3.13170	300.0	300.0
MIZEX-83	114	1	28	JUL	83	1420	1	209.5972	1.9	303.5	78.07830	-5.23330	300.0	300.0
MIZEX-83	115	1	28	JUL	83	1511	1	209.6326	1.9	301.9	78.08000	-5.68170	300.0	300.0
MIZEX-83	116	1	28	JUL	83	1601	1	209.6674	1.9	301.6	78.08000	-6.17330	300.0	300.0
MIZEX-83	117	1	28	JUL	83	1813	1	209.7590	3.4	510.0	78.42500	-4.32330	150.0	150.0
MIZEX-83	118	1	28	JUL	83	1854	1	209.7875	3.9	513.5	78.42670	-3.81670	150.0	150.0
MIZEX-83	119	1	28	JUL	83	1959	1	209.8326	1.9	449.5	78.42670	-2.78330	150.0	150.0
MIZEX-83	120	1	31	JUL	83	1454	1	212.6208	1.9	494.9	80.00000	1.45000	30.0	30.0

OUTPUT FORMAT OF FINAL DATA

Station information is provided in two different formats consisting of 1) numerical listings, and 2) profiles of temperature, salinity and sigma-t (T-S-σ_t) versus depth.

In general, two profiles of T-S-σ_t are graphically shown on one page of the data report. On the facing page, the corresponding numerical listings of the station are shown. The numerical data consist of the parameters relating to the station, and in some cases are abbreviated to save space. A listing of these abbreviated terms and their meanings is given in Table 3. The main body of the numerical listings consists of values of temperature, potential temperature, salinity, sigma-t (σ_t), specific volume anomaly, dynamic height and sound velocity against various interpolated levels of depth. Since upper surface layer data are omitted from the data set (mean ice thickness) surface values of temperature and salinity are duplicated from the first data seen in the cast. The first and last data of the station are shown as one of the first values below the depth of 0.0 meters and the last values of the listing, respectively.

Corresponding profiles of temperature, salinity and sigma-t for the station listing are shown on the facing page. The label at the end of each trace (T-S-σ_t) indicates the parameter of temperature, salinity and sigma-t, respectively. Scales at the upper part of the diagram are labeled to correspond to the parameters and are also shifted with respect to one another to provide the maximum amount of clarity of the traces. Depth is in meters. Station identification and data are in the lower left hand corner in the following format:

MIZEX 83 STN-MOD

MONTH - DAY - YEAR

where

STN is the station number

MOD is the mode

1 = downtrace

2 = uptrace

TABLE 3

Definition and Meanings of Abbreviated Terms in the Station Listing

Station xxx (y) Station number (xxx) and mode of trace (y) where:

CTD Station taken with CTD y = 1 indicates downtrace
y = 2 indicates uptrace

GMT Times shwon are Greenwich Mean Time

Code = I Processing Code where if I =

A) 1 - 5 profile contains both temperature and salinity data.

1) data from magnetic tape
2) data from manual digitization of analog charts
3) subsequent filtering below 250 m in salinity only
4) subsequent filtering below 250 m in temperature only
5) subsequent filtering below 250 m in both temperature and salinity

B) 11 - 13 profile is in salinity only

11) data from magnetic tape
12) data from manual digitization of analog charts
13) filtered below 250 meters

C) 21 - 23 profile in temperature only

21) data from magnetic tape
22) data from manual digitization of analog charts
23) filtered below 250 meters

LAT Latitude in decimal degrees N (North)

LONG Longitude in decimal degrees W (West)

LTER Estimate of positional error for latitude in meters

LGER Estimate of positional error for longitude in meters

AIR TEMP Air temperature in deg. C at 7.8 meters above surface of ice

BAROM Barometric pressure in millibars, taken at surface

WIND Wind direction in deg. true north, taken at 9.2 meters above surface of ice

SPEED Wind speed in meters/sec taken at 9.2 meters above surface of ice

TABLE 3 (continued)

LISTING PARAMETERS

DEPTH	Depth in meters
TEMP	Temperature in degrees C
PTEMP	Potential temperature in degrees C
SALIN	Salinity in parts per thousand
SIG T	Sigma-t density where: density (ρ) = 1.0 ((Sig T) * 1000.0)
SPVOL	Specific volume anomaly (x $10^{-5}cm^3/gm$)
DYNHT	Dynamic height (dynamic meters)
SOUND	Sound velocity in meters/sec calculated from Matthews equation

BOTTLE DATA LISTING

DEPTH	Depth in meters at which bottle was tripped
TEMP	Average temperature of reversing thermometer in degrees C
SAL	Determined salinity of water sample taken at depth indicated, in ppt

STD DATA

This section provides all of the helicopter-based STD data taken during MIZEX 83. The numerical listing and corresponding plots are given.

MIZEX-83 STATION 1(1) CTD 21/JUN/1983 2025 GMT CODE = 1
LAT = 80 1842N LNG = -10 5500W LTER = 30 LGER = 30
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

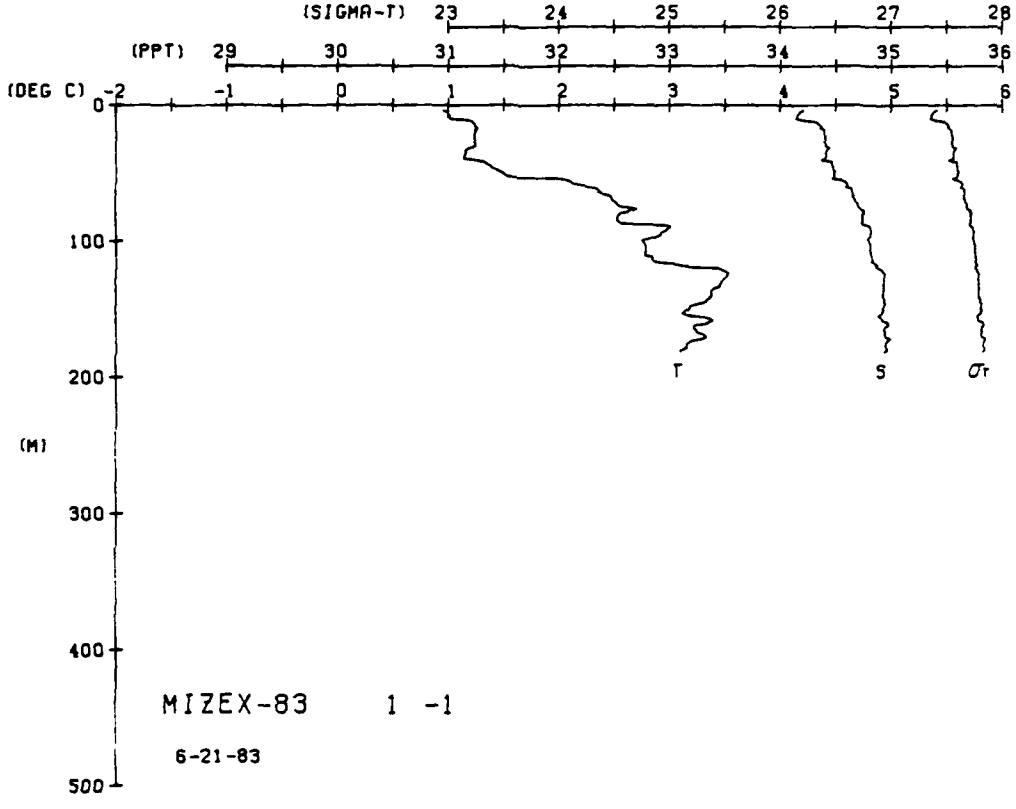
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0 0	0 99	0 99	34 19	27 39	67 4	0 000	1452 7
3 9	0 99	0 99	34 19	27 39	67 4	0 003	1452 7
5 0	1 00	1 00	34 16	27 37	69 4	0 003	1452 8
10 0	1 02	1 02	34 13	27 35	71 9	0 007	1452 9
15 0	1 24	1 24	34 36	27 52	55 9	0 010	1454 3
20 0	1 25	1 24	34 39	27 54	53 6	0 013	1454 4
25 0	1 23	1 23	34 40	27 55	52 8	0 016	1454 4
30 0	1 23	1 23	34 43	27 57	50 8	0 018	1454 6
35 0	1 15	1 15	34 41	27 56	52 0	0 021	1454 3
40 0	1 14	1 14	34 41	27 56	51 5	0 024	1454 3
45 0	1 38	1 37	34 47	27 60	48 3	0 026	1455 5
50 0	1 47	1 47	34 49	27 60	47 9	0 028	1456 1
55 0	2 03	2 02	34 56	27 62	46 4	0 031	1458 7
60 0	2 21	2 21	34 62	27 65	43 8	0 033	1459 7
65 0	2 38	2 38	34 65	27 66	42 8	0 035	1460 5
70 0	2 49	2 49	34 68	27 68	41 1	0 037	1461 1
75 0	2 57	2 56	34 72	27 70	39 2	0 039	1461 6
80 0	2 56	2 56	34 76	27 73	35 7	0 041	1461 7
85 0	2 53	2 52	34 75	27 73	36 6	0 043	1461 6
90 0	3 02	3 01	34 82	27 74	35 4	0 045	1463 9
95 0	2 92	2 91	34 81	27 74	35 3	0 047	1463 6
100 0	2 75	2 75	34 80	27 75	34 4	0 049	1462 9
110 0	2 77	2 77	34 81	27 76	34 0	0 052	1463 2
120 0	3 36	3 35	34 85	27 73	36 7	0 056	1465 9
130 0	3 47	3 47	34 94	27 79	31 0	0 059	1466 7
140 0	3 38	3 37	34 93	27 79	31 0	0 062	1466 4
150 0	3 18	3 17	34 92	27 80	29 9	0 065	1465 8
160 0	3 36	3 35	34 96	27 82	28 2	0 068	1466 7
170 0	3 32	3 31	34 96	27 82	28 2	0 071	1466 7
180 0	3 13	3 12	34 95	27 83	27 6	0 074	1466 1
182 2	3 10	3 08	34 94	27 82	28 1	0 074	1465 9

DEPTH TEMP SALIN

MIZEX-83 STATION 2(1) CTD 21/JUN/1983 2232 GMT CODE = 1
LAT = 80 0545N LNG = -10 8907W LTER = 30 LGER = 30
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0 0	1 41	1 41	34 14	27 33	73 5	0 000	1454 5
2 7	1 41	1 41	34 14	27 33	73 6	0 002	1454 5
5 0	1 43	1 43	34 16	27 34	72 1	0 004	1454 7
10 0	1 46	1 46	34 15	27 33	73 3	0 007	1454 9
15 0	1 49	1 49	34 14	27 32	74 4	0 011	1455 1
20 0	2 22	2 22	34 37	27 45	62 0	0 015	1458 7
25 0	2 90	2 90	34 68	27 64	44 2	0 017	1462 2
30 0	2 86	2 86	34 70	27 66	42 6	0 019	1462 1
35 0	2 80	2 80	34 69	27 66	42 6	0 022	1461 9
40 0	2 84	2 83	34 71	27 67	41 4	0 024	1462 2
45 0	2 89	2 89	34 73	27 68	41 0	0 026	1462 5
50 0	3 10	3 09	34 76	27 68	40 4	0 028	1463 5
55 0	3 09	3 09	34 75	27 68	40 8	0 030	1463 6
60 0	3 13	3 12	34 77	27 69	39 7	0 032	1463 8
65 0	3 31	3 31	34 83	27 72	37 2	0 034	1464 8
70 0	3 6[illegible]	3 68	34 98	27 80	29 7	0 036	1466 7
75 0	4 13	4 12	34 95	27 74	35 9	0 037	1468 6
80 0	4 23	4 23	34 98	27 75	35 0	0 039	1469 1
85 0	4 27	4 26	34 99	27 75	34 8	0 041	1469 4
90 0	4 18	4 17	34 99	27 76	34 1	0 043	1469 1
95 0	4 19	4 18	34 99	27 76	33 7	0 044	1469 2
100 0	4 06	4 05	34 97	27 76	34 1	0 046	1468 7
110 0	3 49	3 48	34 91	27 77	32 9	0 049	1466 4
120 0	2 15	2 15	34 75	27 76	33 7	0 053	1460 6
130 0	2 10	2 09	34 82	27 82	27 9	0 056	1460 6
140 0	2 13	2 12	34 81	27 81	28 5	0 059	1460 9
150 0	2 18	2 17	34 84	27 83	27 3	0 061	1461 3
160 0	2 35	2 34	34 87	27 84	26 0	0 064	1462 3
170 0	2 75	2 74	34 94	27 86	24 6	0 067	1464 3
180 0	2 68	2 67	34 94	27 87	24 0	0 069	1464 1
190 0	2 43	2 42	34 93	27 88	23 0	0 072	1463 2
200 0	2 51	2 50	34 94	27 88	22 7	0 074	1463 7
210 0	2 45	2 44	34 94	27 89	21 9	0 076	1463 6
220 0	2 40	2 39	34 94	27 89	21 5	0 078	1463 6
230 0	2 26	2 24	34 95	27 91	19 8	0 080	1463 1
240 0	2 24	2 23	34 95	27 91	19 7	0 082	1463 2
250 0	2 23	2 21	34 94	27 91	20 2	0 084	1463 3
260 0	2 19	2 17	34 95	27 91	19 8	0 086	1463 3
270 0	2 10	2 09	34 95	27 92	18 9	0 088	1463 1
280 0	2 08	2 06	34 95	27 92	18 7	0 090	1463 2
290 0	2 06	2 05	34 95	27 93	18 7	0 092	1463 3
290 0	2 06	2 05	34 95	27 92	18 7	0 092	1463 3

DEPTH TEMP SALIN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200
(M)
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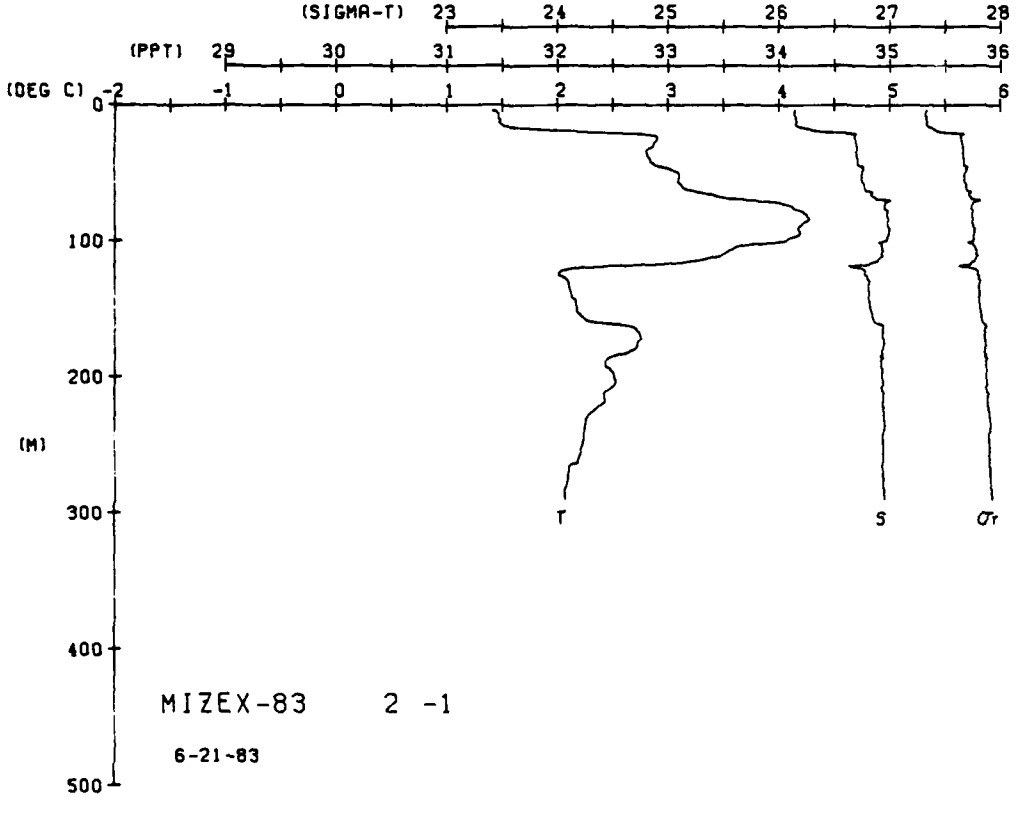
400
500
T
S
σT
MIZEX-83 1 -1
6-21-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
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T
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MIZEX-83 2 -1
6-21-83

MIZEX-83 STATION 3(1) CTD 22/JUN/1983 50 GMT CODE = 1
LAT = 80.0842N LNG = -9.8917W LTER = 30 LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

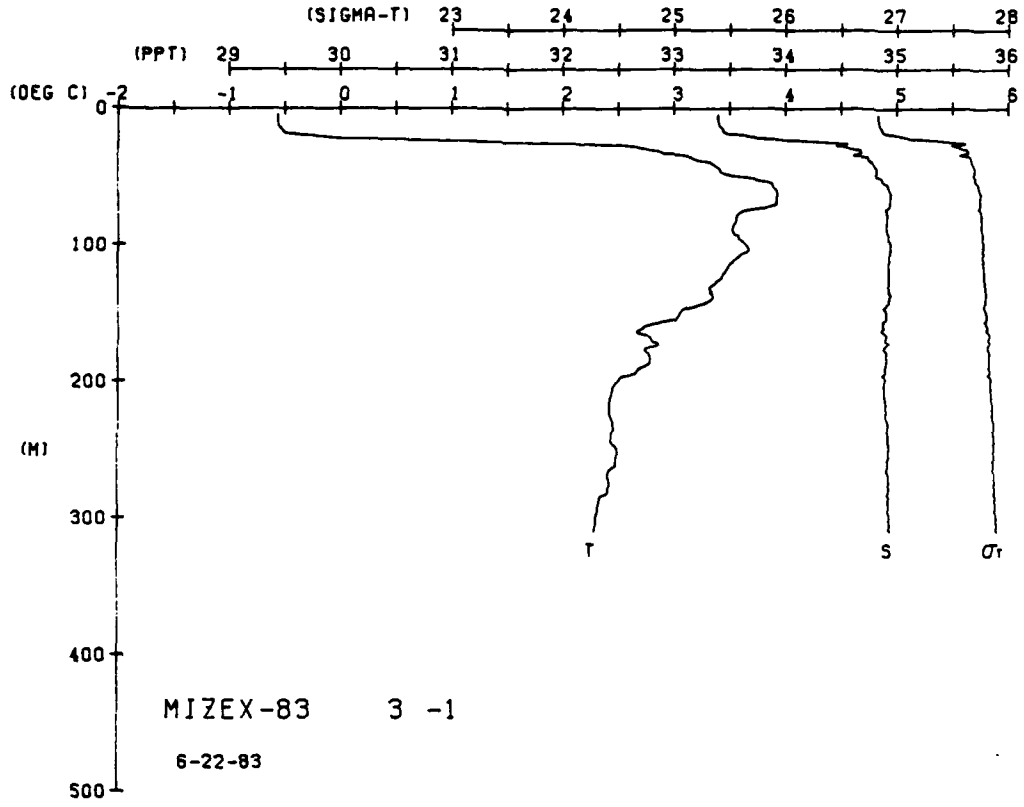
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.56	-0.56	33.41	26.84	119.5	0.000	1444.5
4.7	-0.56	-0.56	33.41	26.84	119.5	0.006	1444.6
5.0	-0.56	-0.56	33.40	26.84	119.7	0.006	1444.6
10.0	-0.57	-0.57	33.39	26.83	120.7	0.012	1444.6
15.0	-0.53	-0.53	33.43	26.87	117.4	0.018	1444.9
20.0	-0.36	-0.36	33.61	27.00	104.7	0.024	1446.0
25.0	1.23	1.23	34.31	27.48	59.5	0.028	1454.3
30.0	2.73	2.73	34.59	27.59	49.5	0.031	1461.4
35.0	3.09	3.09	34.65	27.60	48.3	0.033	1463.1
40.0	3.33	3.33	34.77	27.67	41.3	0.035	1464.4
45.0	3.41	3.41	34.83	27.71	37.7	0.037	1464.9
50.0	3.55	3.55	34.81	27.68	40.6	0.039	1465.5
55.0	3.88	3.87	34.89	27.71	37.6	0.041	1467.1
60.0	3.93	3.92	34.94	27.74	35.0	0.043	1467.5
65.0	3.92	3.91	34.94	27.75	34.7	0.045	1467.5
70.0	3.92	3.91	34.95	27.75	34.0	0.047	1467.6
75.0	3.62	3.61	34.91	27.75	34.1	0.048	1466.4
80.0	3.55	3.55	34.91	27.76	33.8	0.050	1466.2
85.0	3.54	3.53	34.91	27.76	33.6	0.052	1466.2
90.0	3.52	3.51	34.91	27.76	33.2	0.054	1466.2
95.0	3.57	3.56	34.91	27.76	33.5	0.055	1466.5
100.0	3.64	3.64	34.93	27.77	32.8	0.057	1466.9
110.0	3.55	3.55	34.93	27.78	32.0	0.060	1466.7
120.0	3.45	3.44	34.93	27.79	31.0	0.063	1466.4
130.0	3.33	3.33	34.92	27.79	31.1	0.066	1466.1
140.0	3.33	3.32	34.93	27.80	30.0	0.070	1466.3
150.0	3.04	3.04	34.90	27.80	30.2	0.073	1465.1
160.0	2.72	2.71	34.87	27.81	29.1	0.076	1463.9
170.0	2.80	2.79	34.88	27.81	29.2	0.079	1464.4
180.0	2.78	2.76	34.91	27.83	27.0	0.081	1464.5
190.0	2.69	2.68	34.89	27.82	28.0	0.084	1464.3
200.0	2.49	2.48	34.89	27.84	26.5	0.087	1463.5
210.0	2.43	2.41	34.89	27.85	26.0	0.090	1463.4
220.0	2.41	2.40	34.90	27.85	25.3	0.092	1463.6
230.0	2.44	2.43	34.91	27.86	24.4	0.095	1463.9
240.0	2.42	2.41	34.92	27.87	23.7	0.097	1464.0
250.0	2.49	2.48	34.93	27.87	23.7	0.100	1464.4
260.0	2.48	2.46	34.92	27.87	23.9	0.102	1464.6
270.0	2.41	2.40	34.93	27.88	23.0	0.104	1464.4
280.0	2.41	2.39	34.93	27.88	23.1	0.107	1464.6
290.0	2.31	2.30	34.93	27.89	22.2	0.109	1464.3
300.0	2.29	2.27	34.93	27.89	22.0	0.111	1464.4
310.0	2.27	2.25	34.94	27.90	20.9	0.113	1464.5
310.1	2.27	2.25	34.94	27.90	21.0	0.113	1464.5

DEPTH TEMP SALIN

MIZEX-83 STATION 4(1) CTD 22/JUN/1983 235 GMT CODE = 1
LAT = 80.0747N LNG = -8.9727W LTER = 30 LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.96	0.96	33.88	27.15	90.5	0.000	1452.1
1.9	0.96	0.96	33.88	27.15	90.5	0.002	1452.2
5.0	0.95	0.95	33.81	27.09	96.2	0.005	1452.0
10.0	1.70	1.70	34.18	27.34	72.8	0.009	1456.0
15.0	2.32	2.32	34.51	27.56	52.2	0.012	1459.2
20.0	2.54	2.54	34.60	27.61	47.2	0.015	1460.4
25.0	3.00	3.00	34.75	27.68	40.2	0.017	1462.7
30.0	2.82	2.82	34.80	27.74	34.6	0.019	1462.1
35.0	2.43	2.42	34.69	27.69	39.7	0.021	1460.3
40.0	2.59	2.59	34.72	27.70	38.9	0.023	1461.1
45.0	2.67	2.67	34.72	27.69	39.4	0.025	1461.5
50.0	3.04	3.03	34.81	27.73	36.3	0.026	1463.3
55.0	3.65	3.64	34.83	27.69	40.0	0.028	1466.1
60.0	3.70	3.70	34.89	27.73	36.3	0.030	1466.4
65.0	3.16	3.15	34.80	27.71	37.9	0.032	1464.1
70.0	3.01	3.00	34.84	27.75	33.9	0.034	1463.6
75.0	3.12	3.12	34.86	27.76	33.3	0.036	1464.2
80.0	3.16	3.16	34.87	27.77	32.9	0.037	1464.5
85.0	3.26	3.26	34.93	27.80	29.3	0.039	1465.0
90.0	3.47	3.46	34.93	27.78	31.5	0.041	1466.0
95.0	3.46	3.45	34.91	27.77	33.0	0.042	1466.0
100.0	3.23	3.22	34.90	27.78	31.5	0.044	1465.1
110.0	3.45	3.44	34.95	27.80	29.8	0.047	1466.3
120.0	3.34	3.33	34.93	27.80	29.9	0.050	1466.0
130.0	3.31	3.30	34.94	27.81	29.3	0.053	1466.0
140.0	3.22	3.21	34.94	27.82	28.3	0.056	1465.8
150.0	3.12	3.11	34.94	27.83	27.7	0.059	1465.5
160.0	3.03	3.02	34.93	27.83	27.7	0.061	1465.3
170.0	3.02	3.01	34.92	27.82	28.4	0.064	1465.4
180.0	3.01	3.00	34.93	27.83	27.4	0.067	1465.5
190.0	3.06	3.05	34.96	27.84	26.2	0.070	1466.0
200.0	3.02	3.01	34.95	27.84	26.4	0.072	1465.9
210.0	2.95	2.94	34.95	27.85	25.8	0.075	1465.8
220.0	2.91	2.90	34.95	27.86	25.3	0.078	1465.8
230.0	2.87	2.86	34.95	27.86	25.2	0.080	1465.8
240.0	2.82	2.81	34.95	27.86	24.6	0.083	1465.8
250.0	2.75	2.73	34.96	27.87	23.8	0.085	1465.6
260.0	2.65	2.64	34.96	27.88	23.0	0.088	1465.4
270.0	2.65	2.63	34.96	27.89	22.6	0.090	1465.5
280.0	2.64	2.63	34.97	27.89	22.2	0.092	1465.7
290.0	2.61	2.59	34.97	27.90	21.8	0.094	1465.7
300.0	2.55	2.53	34.98	27.91	20.9	0.097	1465.6
310.0	2.47	2.45	34.97	27.91	20.3	0.099	1465.4

DEPTH TEMP SALIN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200
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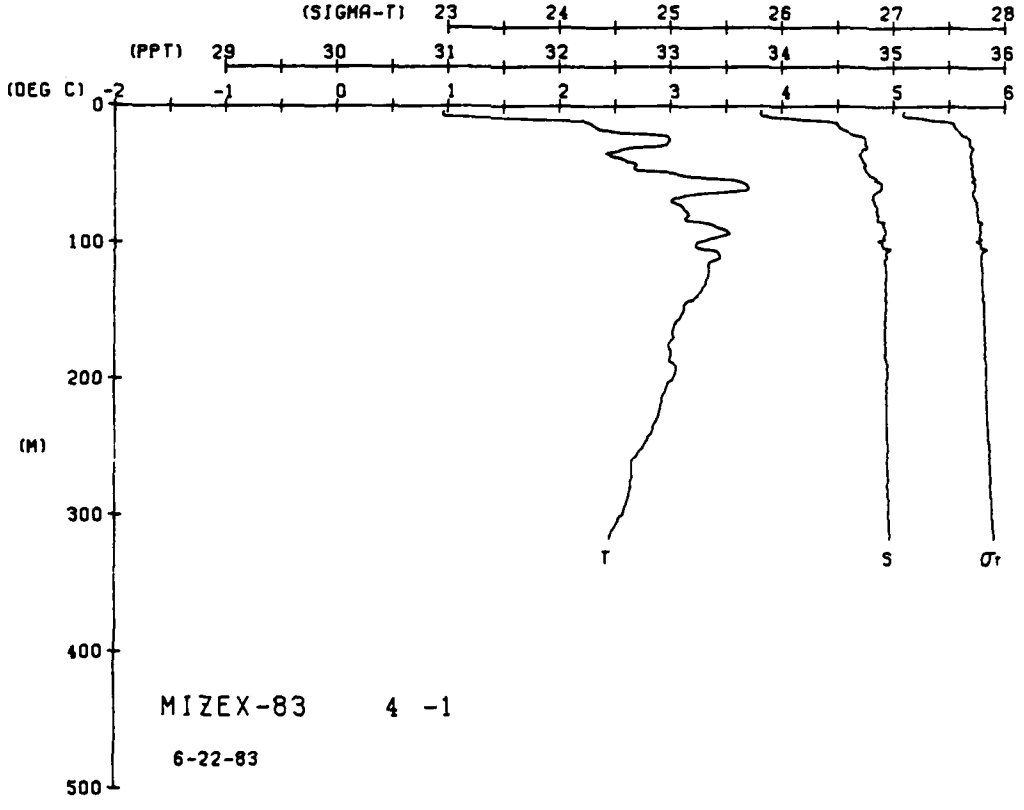
MIZEX-83 3 -1
6-22-83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(PPT) 29 30 31 32 33 34 35 36
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0
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MIZEX-83 4 -1
6-22-83

MIZEX-83 STATION 5(1) CTD 26/JUN/1983 1435 GMT CODE = 1
LAT = 81.0862N LNG = -5.4853W LTER = 30. LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

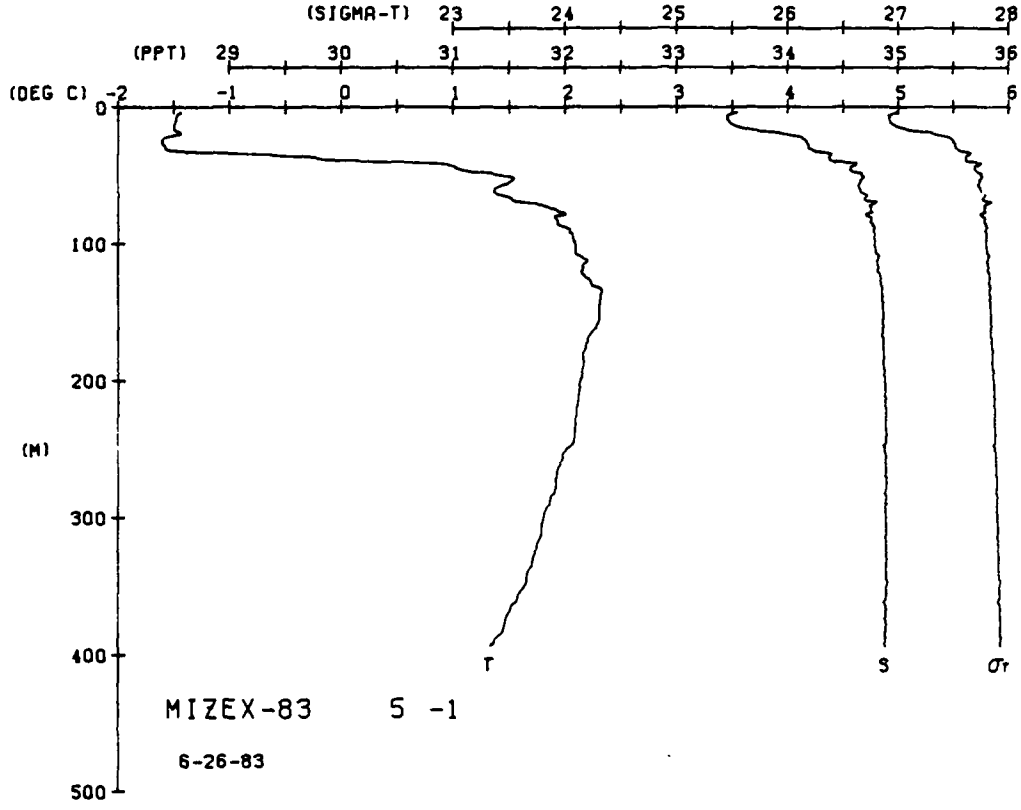
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.38	-1.38	34.01	27.36	70.2	0.000	1441.5
2.0	-1.38	-1.38	34.01	27.36	70.2	0.001	1441.6
5.0	-1.45	-1.45	33.60	27.03	101.5	0.004	1440.7
10.0	-1.48	-1.48	33.46	26.92	112.5	0.009	1440.4
15.0	-1.50	-1.50	33.56	27.00	104.5	0.013	1440.6
20.0	-1.44	-1.44	33.95	27.32	74.7	0.019	1441.5
25.0	-1.61	-1.61	34.16	27.49	57.9	0.023	1441.1
30.0	-1.57	-1.57	34.19	27.51	56.0	0.026	1441.4
35.0	-0.74	-0.74	34.39	27.65	43.4	0.028	1445.6
40.0	0.27	0.27	34.37	27.58	49.8	0.031	1450.3
45.0	1.04	1.04	34.58	27.70	38.4	0.033	1454.2
50.0	1.41	1.40	34.67	27.75	33.9	0.035	1456.0
55.0	1.51	1.50	34.66	27.74	34.9	0.036	1456.5
60.0	1.37	1.37	34.66	27.75	34.3	0.038	1456.0
65.0	1.43	1.43	34.72	27.79	30.2	0.040	1456.4
70.0	1.61	1.60	34.81	27.85	24.6	0.041	1457.4
75.0	1.92	1.91	34.75	27.78	31.4	0.043	1458.8
80.0	1.91	1.90	34.73	27.76	33.2	0.044	1458.8
85.0	1.93	1.92	34.75	27.78	31.4	0.046	1459.0
90.0	2.05	2.04	34.78	27.79	30.2	0.047	1459.7
95.0	2.07	2.06	34.79	27.80	29.8	0.049	1459.8
100.0	2.09	2.08	34.79	27.80	29.5	0.050	1460.0
110.0	2.15	2.15	34.84	27.83	26.9	0.053	1460.9
120.0	2.15	2.15	34.81	27.81	28.8	0.056	1460.7
130.0	2.24	2.23	34.85	27.83	26.7	0.059	1461.3
140.0	2.32	2.31	34.86	27.83	26.5	0.062	1461.8
150.0	2.30	2.29	34.87	27.84	26.0	0.064	1461.9
160.0	2.28	2.27	34.88	27.85	25.1	0.067	1462.0
170.0	2.20	2.19	34.88	27.86	24.5	0.069	1461.8
180.0	2.16	2.15	34.87	27.86	24.6	0.072	1461.8
190.0	2.16	2.15	34.88	27.86	24.3	0.074	1462.0
200.0	2.14	2.13	34.88	27.86	24.2	0.077	1462.0
210.0	2.13	2.11	34.89	27.87	23.3	0.079	1462.1
220.0	2.10	2.09	34.89	27.88	22.9	0.081	1462.2
230.0	2.10	2.09	34.90	27.88	22.6	0.084	1462.4
240.0	2.09	2.07	34.90	27.89	22.2	0.086	1462.5
250.0	2.01	2.00	34.88	27.87	23.2	0.088	1462.3
260.0	1.96	1.95	34.90	27.89	21.6	0.091	1462.3
270.0	1.92	1.91	34.89	27.89	22.0	0.093	1462.2
280.0	1.91	1.89	34.89	27.89	21.5	0.095	1462.3
290.0	1.86	1.84	34.89	27.90	21.1	0.097	1462.3
300.0	1.81	1.79	34.90	27.90	20.4	0.099	1462.3
310.0	1.79	1.77	34.89	27.90	20.7	0.101	1462.3
320.0	1.75	1.73	34.89	27.91	20.3	0.103	1462.3
330.0	1.71	1.70	34.90	27.91	19.6	0.105	1462.3
340.0	1.66	1.64	34.90	27.91	19.5	0.107	1462.3
350.0	1.63	1.62	34.89	27.91	19.6	0.109	1462.3
360.0	1.57	1.55	34.90	27.92	18.8	0.111	1462.2
370.0	1.49	1.47	34.89	27.92	18.7	0.113	1462.0
380.0	1.43	1.43	34.89	27.92	18.7	0.115	1462.0
390.0	1.37	1.35	34.89	27.93	17.7	0.117	1461.8

DEPTH TEMP SALIN

MIZEX-83 STATION 6(1) CTD 27/JUN/1983 1425 GMT CODE = 1
LAT = 81.0348N LNG = -6.1857W LTER = 30. LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.42	-1.42	33.58	27.01	103.4	0.000	1440.7
5.0	-1.42	-1.42	33.58	27.01	103.4	0.005	1440.8
7.2	-1.42	-1.42	33.58	27.01	103.4	0.007	1440.9
10.0	-1.45	-1.45	33.48	26.93	110.9	0.011	1440.6
15.0	-1.51	-1.51	33.61	27.04	100.7	0.016	1440.6
20.0	-1.52	-1.52	33.64	27.07	98.0	0.021	1440.7
25.0	-1.50	-1.50	33.83	27.22	83.7	0.026	1441.1
30.0	-1.42	-1.42	34.00	27.36	70.5	0.029	1441.8
35.0	-1.43	-1.43	34.18	27.50	56.9	0.033	1442.1
40.0	-1.15	-1.15	34.26	27.56	51.5	0.035	1443.6
45.0	-1.00	-1.00	34.29	27.58	49.5	0.038	1444.4
50.0	-0.40	-0.40	34.44	27.68	40.5	0.040	1447.5
55.0	0.73	0.73	34.63	27.77	32.4	0.042	1453.0
60.0	1.72	1.72	34.70	27.75	34.0	0.044	1457.6
65.0	1.61	1.61	34.68	27.75	34.4	0.045	1457.2
70.0	1.93	1.93	34.72	27.76	33.5	0.047	1458.8
75.0	2.02	2.02	34.74	27.76	32.9	0.049	1459.3
80.0	2.09	2.08	34.76	27.77	32.1	0.050	1459.6
85.0	2.12	2.11	34.76	27.77	32.3	0.052	1459.9
90.0	2.11	2.11	34.77	27.78	31.6	0.054	1459.9
95.0	2.05	2.04	34.78	27.79	30.6	0.055	1459.7
100.0	2.18	2.18	34.80	27.79	30.1	0.057	1460.4
110.0	2.14	2.14	34.80	27.80	29.2	0.060	1460.4
120.0	2.09	2.08	34.81	27.81	28.3	0.063	1460.4
130.0	2.15	2.14	34.83	27.83	27.2	0.066	1460.8
140.0	2.29	2.28	34.85	27.83	26.9	0.068	1461.7
150.0	2.35	2.34	34.87	27.84	26.2	0.071	1462.1
160.0	2.38	2.37	34.88	27.85	25.5	0.074	1462.4
170.0	2.41	2.40	34.89	27.85	25.2	0.076	1462.7
180.0	2.47	2.46	34.90	27.85	24.9	0.079	1463.1
190.0	2.46	2.45	34.91	27.86	24.7	0.081	1463.3
200.0	2.39	2.38	34.90	27.86	24.5	0.084	1463.1
210.0	2.36	2.35	34.91	27.87	23.3	0.086	1463.2
220.0	2.25	2.24	34.91	27.88	23.0	0.088	1462.9
230.0	2.25	2.23	34.91	27.88	22.9	0.091	1463.0
240.0	2.19	2.17	34.91	27.89	22.1	0.093	1462.9
250.0	2.17	2.15	34.92	27.89	21.7	0.095	1463.0
260.0	2.15	2.14	34.92	27.89	21.5	0.097	1463.1
270.0	2.16	2.14	34.93	27.90	21.0	0.100	1463.3
280.0	2.12	2.10	34.92	27.90	21.1	0.102	1463.3
290.0	2.06	2.05	34.92	27.91	20.5	0.104	1463.2
300.0	2.04	2.03	34.92	27.91	20.4	0.106	1463.3
310.0	2.03	2.02	34.93	27.91	20.0	0.108	1463.4
320.0	1.99	1.97	34.93	27.92	19.7	0.110	1463.4
330.0	1.97	1.95	34.93	27.92	19.1	0.112	1463.5
340.0	1.89	1.87	34.92	27.92	19.4	0.114	1463.3
350.0	1.86	1.84	34.93	27.93	18.8	0.116	1463.3
360.0	1.87	1.85	34.94	27.94	17.9	0.118	1463.6
370.0	1.75	1.73	34.92	27.93	18.7	0.120	1463.2
380.0	1.77	1.75	34.93	27.93	18.0	0.121	1463.5
390.0	1.73	1.71	34.92	27.93	18.5	0.123	1463.4
400.0	1.66	1.63	34.92	27.94	17.7	0.125	1463.3

DEPTH TEMP SALIN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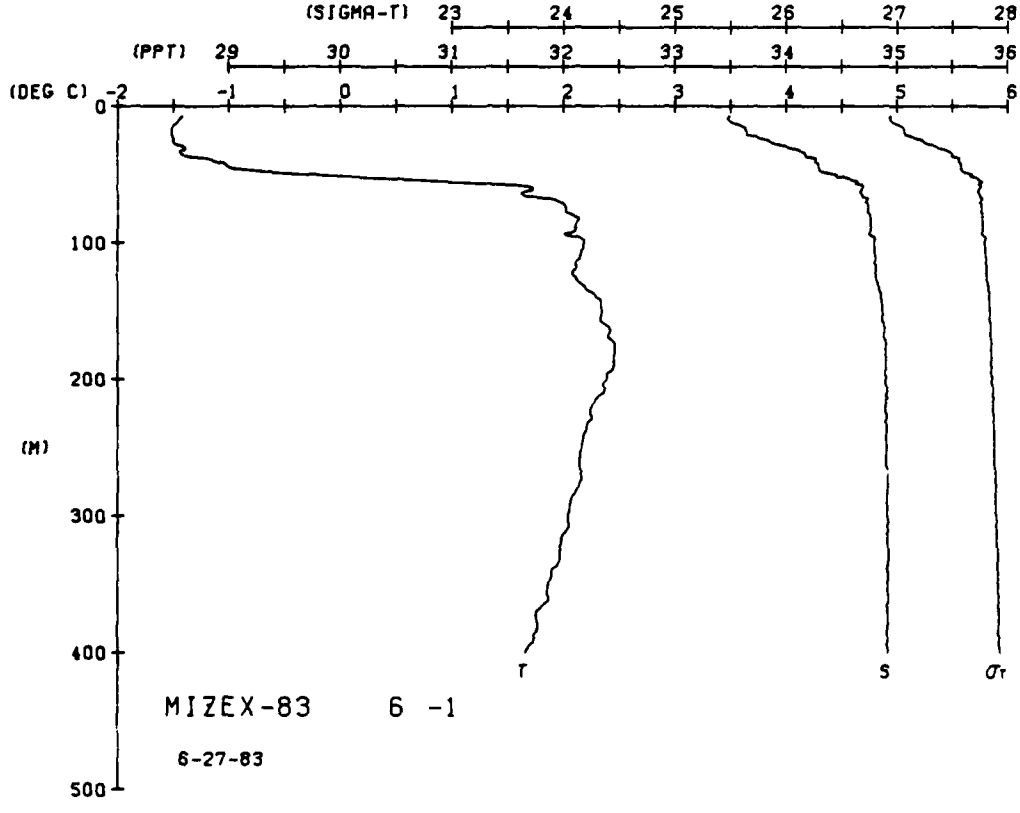
MIZEX-83 5 -1
6-26-83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MIZEX-83 6 -1
6-27-83

MIZEX-83 STATION 7(1) CTD 28/JUN/1983 1357 GMT CODE = 1
LAT = 81.0183N LNG = -6.0412W LTER = 30 LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

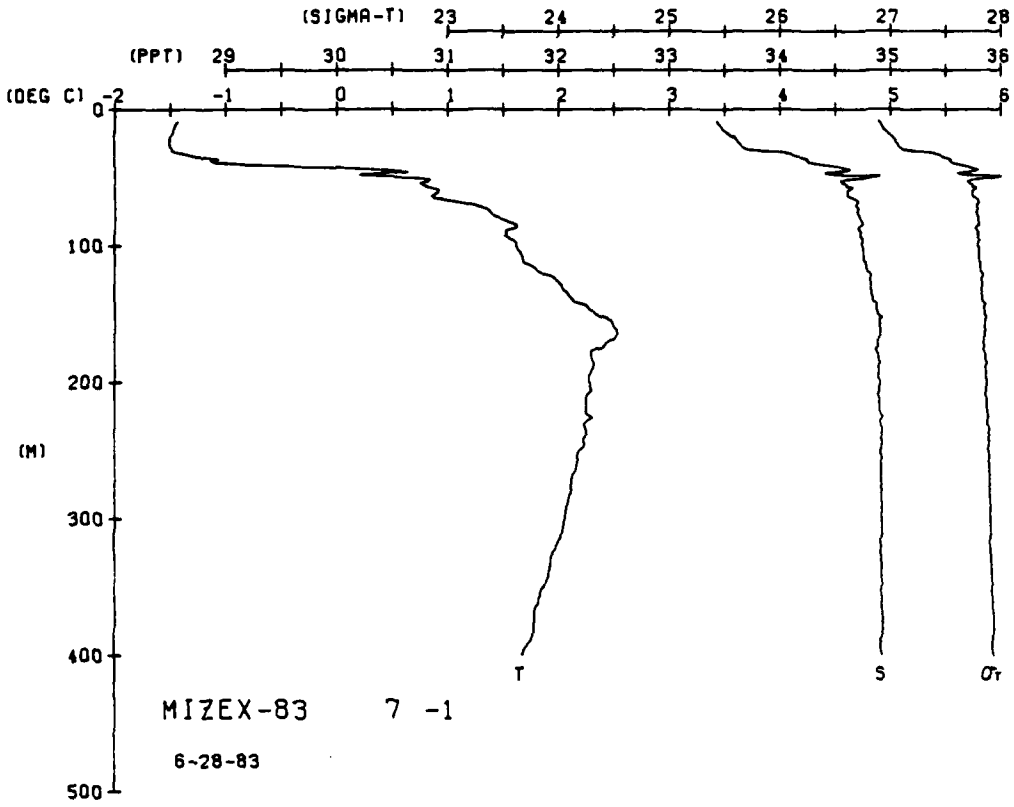
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.44	-1.44	33.42	26.89	115.2	0.000	1440.4
5.0	-1.44	-1.44	33.42	26.89	115.2	0.006	1440.5
8.6	-1.44	-1.44	33.42	26.89	115.2	0.010	1440.6
10.0	-1.45	-1.45	33.43	26.90	114.5	0.012	1440.5
15.0	-1.48	-1.48	33.48	26.93	110.9	0.017	1440.6
20.0	-1.50	-1.50	33.57	27.01	104.0	0.023	1440.7
25.0	-1.50	-1.50	33.63	27.06	98.7	0.028	1440.8
30.0	-1.48	-1.48	33.72	27.13	92.0	0.033	1441.1
35.0	-1.29	-1.29	34.15	27.47	60.0	0.037	1442.7
40.0	-1.03	-1.03	34.32	27.60	47.3	0.039	1444.3
45.0	0.48	0.48	34.64	27.78	30.5	0.041	1451.7
50.0	0.61	0.61	34.93	28.01	9.1	0.042	1452.8
55.0	0.75	0.75	34.59	27.73	35.6	0.043	1453.1
60.0	0.92	0.92	34.61	27.74	34.8	0.045	1453.9
65.0	0.87	0.86	34.64	27.77	32.2	0.047	1453.8
70.0	1.20	1.20	34.70	27.79	30.5	0.048	1455.5
75.0	1.37	1.37	34.70	27.78	31.1	0.050	1456.3
80.0	1.46	1.46	34.73	27.79	30.0	0.052	1456.8
85.0	1.62	1.61	34.75	27.80	29.2	0.053	1457.6
90.0	1.51	1.51	34.73	27.79	29.9	0.055	1457.2
95.0	1.57	1.56	34.75	27.80	29.1	0.056	1457.6
100.0	1.62	1.62	34.75	27.80	29.3	0.057	1457.9
110.0	1.68	1.68	34.76	27.81	28.7	0.060	1458.4
120.0	1.83	1.82	34.80	27.83	26.9	0.063	1459.2
130.0	2.04	2.03	34.83	27.83	26.7	0.066	1460.3
140.0	2.13	2.12	34.85	27.84	26.0	0.069	1460.9
150.0	2.33	2.32	34.88	27.85	25.1	0.071	1462.0
160.0	2.50	2.49	34.90	27.85	25.4	0.074	1462.9
170.0	2.46	2.45	34.89	27.84	25.9	0.076	1462.9
180.0	2.30	2.29	34.90	27.86	23.9	0.079	1462.4
190.0	2.31	2.30	34.90	27.86	24.2	0.081	1462.6
200.0	2.28	2.26	34.91	27.88	22.9	0.084	1462.7
210.0	2.25	2.24	34.89	27.87	24.0	0.086	1462.7
220.0	2.25	2.23	34.91	27.88	22.9	0.088	1462.9
230.0	2.23	2.22	34.91	27.88	23.0	0.091	1463.0
240.0	2.24	2.23	34.92	27.89	21.9	0.093	1463.2
250.0	2.19	2.17	34.91	27.88	22.3	0.095	1463.1
260.0	2.16	2.15	34.92	27.90	21.2	0.097	1463.2
270.0	2.11	2.10	34.91	27.89	21.8	0.100	1463.1
280.0	2.12	2.10	34.92	27.90	20.9	0.102	1463.3
290.0	2.08	2.06	34.93	27.91	20.0	0.104	1463.3
300.0	2.05	2.04	34.93	27.91	20.4	0.106	1463.4
310.0	2.03	2.01	34.92	27.91	20.3	0.108	1463.4
320.0	1.98	1.96	34.93	27.92	19.6	0.110	1463.4
330.0	1.93	1.91	34.92	27.91	19.7	0.112	1463.3
340.0	1.90	1.88	34.92	27.91	20.0	0.114	1463.4
350.0	1.86	1.84	34.92	27.92	19.1	0.116	1463.3
360.0	1.82	1.80	34.92	27.92	18.9	0.118	1463.3
370.0	1.78	1.76	34.93	27.93	18.2	0.120	1463.3
380.0	1.77	1.75	34.92	27.93	18.6	0.122	1463.4
390.0	1.74	1.72	34.92	27.93	18.5	0.123	1463.5
400.0	1.67	1.65	34.93	27.94	17.3	0.125	1463.4

DEPTH TEMP SALIN

MIZEX-83 STATION 8(1) CTD 28/JUN/1983 1645 GMT CODE = 1
LAT = 81.0080N LNG = -9.7033W LTER = 30 LGER = 30
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.47	-1.47	33.47	26.93	111.8	0.000	1440.3
1.9	-1.47	-1.47	33.47	26.93	111.8	0.002	1440.4
5.0	-1.49	-1.49	33.47	26.93	111.7	0.006	1440.3
10.0	-1.53	-1.53	33.52	26.97	107.3	0.011	1440.3
15.0	-1.56	-1.56	33.64	27.07	98.3	0.016	1440.4
20.0	-1.53	-1.53	33.73	27.14	90.9	0.021	1440.8
25.0	-1.48	-1.48	33.91	27.28	77.6	0.025	1441.3
30.0	-1.36	-1.37	34.15	27.48	59.2	0.029	1442.3
35.0	-0.43	-0.43	34.30	27.56	51.6	0.032	1446.9
40.0	0.43	0.42	34.45	27.64	44.1	0.034	1451.1
45.0	0.93	0.92	34.54	27.68	40.7	0.036	1453.6
50.0	1.24	1.24	34.61	27.72	37.1	0.038	1455.2
55.0	1.53	1.53	34.72	27.78	30.9	0.040	1456.7
60.0	1.55	1.54	34.72	27.78	30.9	0.041	1456.9
65.0	1.66	1.65	34.78	27.82	27.0	0.043	1457.5
70.0	1.76	1.76	34.77	27.81	28.4	0.044	1458.1
75.0	1.77	1.77	34.78	27.82	27.9	0.046	1458.2
80.0	2.04	2.04	34.82	27.83	27.0	0.047	1459.5
85.0	2.05	2.05	34.82	27.82	27.1	0.049	1459.7
90.0	2.17	2.17	34.85	27.84	26.0	0.050	1460.3
95.0	2.24	2.23	34.85	27.83	26.7	0.051	1460.7
100.0	2.19	2.19	34.85	27.84	25.9	0.053	1460.6
110.0	2.21	2.20	34.86	27.84	25.6	0.055	1460.8
120.0	2.02	2.01	34.90	27.89	21.1	0.058	1460.2
130.0	2.07	2.06	34.88	27.87	23.1	0.060	1460.5
140.0	2.22	2.21	34.90	27.87	22.9	0.062	1461.4
150.0	2.23	2.22	34.92	27.89	21.7	0.064	1461.6
160.0	2.39	2.38	34.93	27.88	22.1	0.067	1462.5
170.0	2.32	2.31	34.93	27.89	21.5	0.069	1462.4
180.0	2.27	2.26	34.92	27.88	22.2	0.071	1462.3
190.0	2.20	2.19	34.93	27.90	20.5	0.073	1462.2
200.0	2.22	2.21	34.93	27.90	20.6	0.075	1462.4
210.0	2.17	2.16	34.94	27.91	20.1	0.077	1462.4
220.0	2.16	2.15	34.93	27.90	20.3	0.079	1462.5
230.0	2.14	2.13	34.94	27.91	19.6	0.081	1462.6
240.0	2.10	2.09	34.94	27.92	19.0	0.083	1462.6
250.0	2.09	2.07	34.95	27.92	18.7	0.085	1462.7
260.0	2.04	2.02	34.95	27.93	18.2	0.087	1462.6
270.0	2.02	2.01	34.95	27.93	18.3	0.089	1462.8
280.0	1.99	1.97	34.95	27.93	17.9	0.091	1462.8
290.0	1.95	1.94	34.94	27.93	18.0	0.093	1462.8
300.0	1.92	1.90	34.95	27.94	17.6	0.094	1462.8
310.0	1.84	1.82	34.94	27.93	17.7	0.096	1462.6
320.0	1.82	1.81	34.94	27.94	17.1	0.098	1462.7
330.0	1.79	1.77	34.95	27.94	16.8	0.100	1462.7
340.0	1.76	1.74	34.94	27.95	16.7	0.101	1462.8
350.0	1.72	1.70	34.94	27.95	16.5	0.103	1462.8
360.0	1.68	1.66	34.95	27.96	15.9	0.105	1462.7
370.0	1.62	1.60	34.94	27.95	16.1	0.106	1462.6
380.0	1.60	1.58	34.94	27.95	15.9	0.108	1462.7
390.0	1.59	1.57	34.94	27.96	15.6	0.109	1462.8
400.0	1.56	1.54	34.94	27.96	15.5	0.111	1462.9
410.0	1.50	1.48	34.94	27.96	15.2	0.113	1462.8
411.5	1.49	1.47	34.94	27.96	15.2	0.113	1462.8

DEPTH TEMP SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
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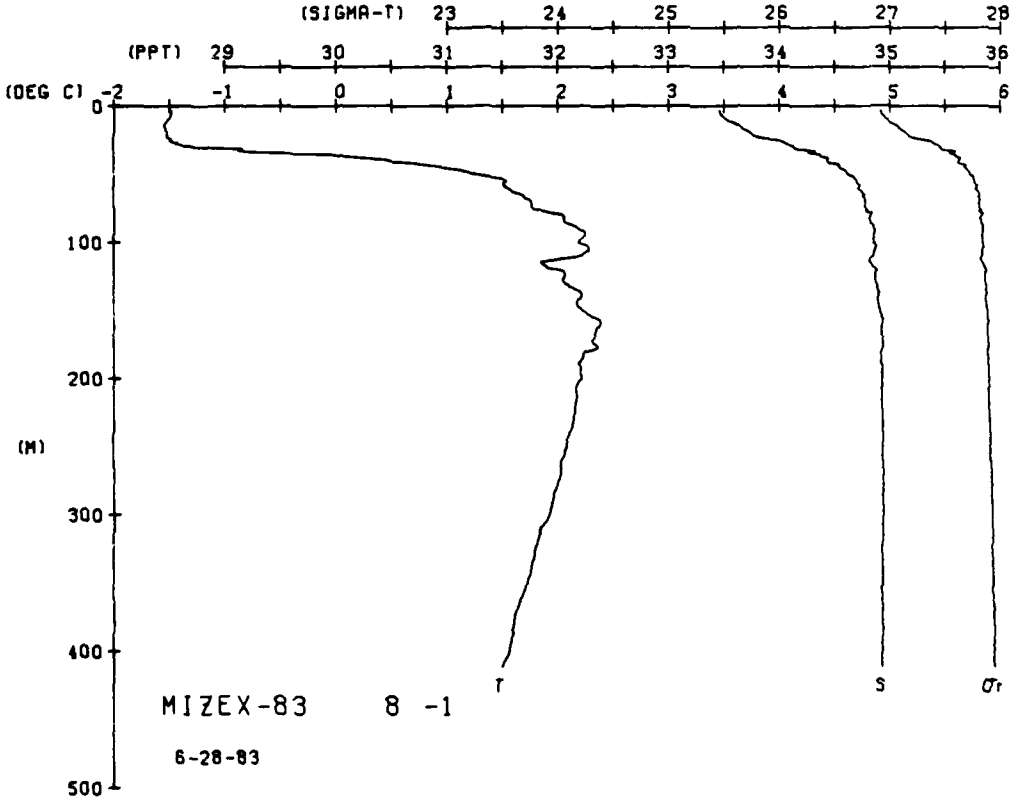
MIZEX-83 7 -1
6-28-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
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T
S
σ_T
MIZEX-83 8 -1
6-28-83

MIZEX-83 STATION 9(1) CTD 29/JUN/1983 1043 GMT CODE = 1
LAT = 81 0905N LNG = -6 1257W LTER = 30 LGER = 30
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

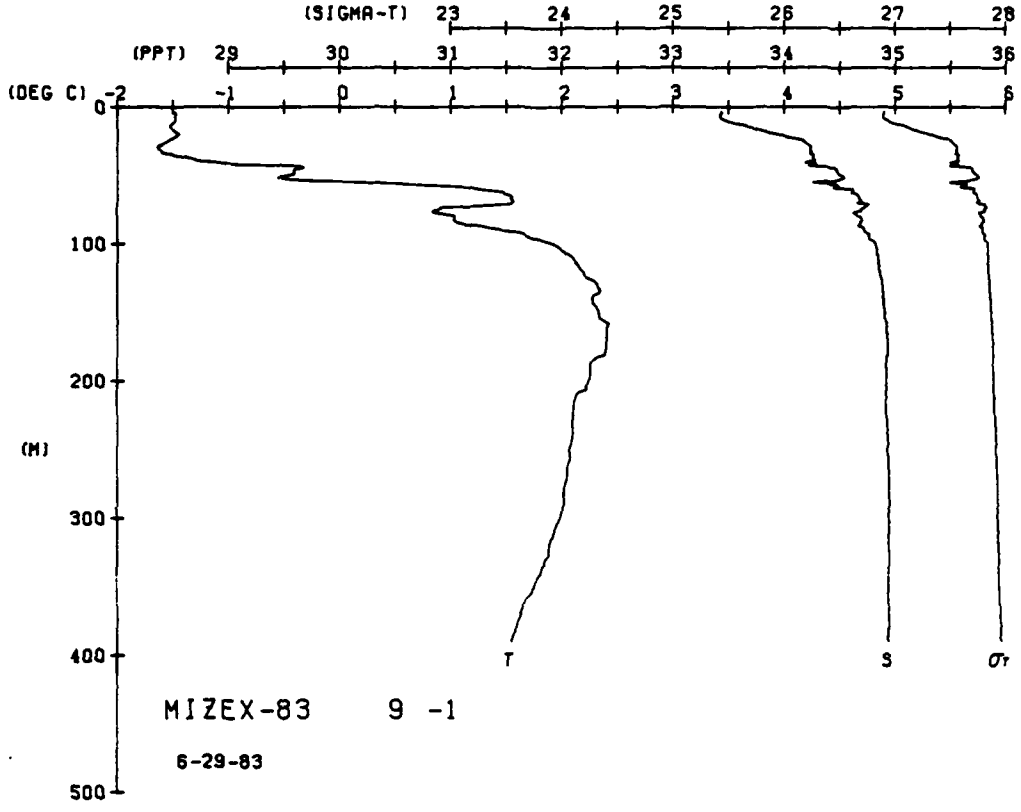
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1 48	-1 48	33 47	26 93	111 2	0 000	1440 3
1 9	-1 48	-1 48	33 47	26 93	111 2	0 002	1440 3
5 0	-1 48	-1 48	33 44	26 91	113 6	0 006	1440 4
10 0	-1 48	-1 48	33 45	26 91	112 9	0 011	1440 4
15 0	-1 52	-1 52	33 69	27 10	94 8	0 017	1440 6
20 0	-1 45	-1 45	33 90	27 28	78 2	0 021	1441 4
25 0	-1 55	-1 55	34 17	27 50	57 1	0 024	1441 4
30 0	-1 64	-1 64	34 24	27 56	51 4	0 027	1441 1
35 0	-1 47	-1 47	34 21	27 53	54 6	0 030	1442 0
40 0	-1 25	-1 25	34 28	27 58	50 0	0 033	1443 2
45 0	-0 38	-0 38	34 48	27 71	37 6	0 035	1447 6
50 0	-0 43	-0 43	34 50	27 73	35 9	0 037	1447 4
55 0	-0 02	-0 02	34 40	27 62	45 6	0 039	1449 3
60 0	1 22	1 22	34 60	27 71	37 6	0 041	1455 3
65 0	1 53	1 53	34 62	27 70	38 7	0 043	1456 8
70 0	1 49	1 48	34 66	27 74	34 8	0 045	1456 7
75 0	0 90	0 90	34 68	27 80	29 3	0 046	1454 2
80 0	1 03	1 03	34 66	27 77	32 3	0 048	1454 8
85 0	1 06	1 06	34 67	27 78	31 1	0 049	1455 1
90 0	1 42	1 42	34 72	27 79	30 2	0 051	1456 8
95 0	1 68	1 67	34 77	27 81	28 5	0 052	1458 1
100 0	1 91	1 90	34 81	27 83	26 7	0 054	1459 2
110 0	2 08	2 08	34 85	27 84	25 5	0 056	1460 2
120 0	2 18	2 17	34 86	27 85	25 2	0 059	1460 8
130 0	2 31	2 31	34 88	27 85	25 0	0 061	1461 6
140 0	2 27	2 26	34 89	27 86	24 1	0 064	1461 6
150 0	2 33	2 32	34 91	27 87	23 1	0 066	1462 1
160 0	2 41	2 40	34 93	27 88	22 3	0 069	1462 6
170 0	2 40	2 39	34 93	27 88	22 2	0 071	1462 7
180 0	2 38	2 37	34 93	27 88	22 1	0 073	1462 8
190 0	2 25	2 24	34 92	27 89	21 9	0 075	1462 4
200 0	2 24	2 23	34 92	27 88	22 1	0 078	1462 5
210 0	2 14	2 13	34 92	27 90	21 0	0 080	1462 2
220 0	2 11	2 09	34 92	27 90	20 9	0 082	1462 3
230 0	2 09	2 08	34 92	27 90	20 6	0 084	1462 4
240 0	2 09	2 08	34 93	27 90	20 4	0 086	1462 5
250 0	2 07	2 05	34 93	27 91	19 9	0 088	1462 6
260 0	2 06	2 04	34 94	27 92	19 0	0 090	1462 7
270 0	2 04	2 03	34 94	27 92	19 0	0 092	1462 8
280 0	2 01	2 00	34 94	27 93	18 6	0 094	1462 9
290 0	2 01	2 00	34 95	27 93	18 5	0 096	1463 0
300 0	1 98	1 97	34 94	27 93	18 4	0 098	1463 1
310 0	1 93	1 91	34 95	27 94	17 7	0 099	1463 0
320 0	1 88	1 87	34 94	27 94	17 6	0 101	1463 0
330 0	1 85	1 83	34 95	27 94	17 2	0 103	1463 0
340 0	1 81	1 79	34 94	27 94	17 0	0 105	1463 0
350 0	1 75	1 73	34 94	27 95	16 6	0 106	1462 9
360 0	1 67	1 65	34 94	27 95	16 4	0 108	1462 7
370 0	1 62	1 60	34 94	27 95	16 2	0 110	1462 7
380 0	1 58	1 56	34 94	27 96	15 6	0 111	1462 6
390 0	1 54	1 52	34 94	27 96	15 1	0 113	1462 6

DEPTH TEMP. SALIN

MIZEX-83 STATION 10(1) CTD 29/JUN/1983 1454 GMT CODE = 1
LAT = 81 0793N LNG = -6 2522W LTER = 30 LGER = 30
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1 46	-1 46	33 49	26 95	109 9	0 000	1440 4
4.2	-1 46	-1 46	33 49	26 95	109 9	0 005	1440 5
5.0	-1 46	-1 46	33 49	26 95	109 9	0 006	1440 5
10.0	-1 48	-1 48	33 60	27 04	101 4	0 011	1440 6
15 0	-1 52	-1 52	33 74	27 15	90 2	0 016	1440 7
20 0	-1 54	-1 54	33 91	27 29	77 5	0 020	1440 9
25 0	-1 55	-1 55	33 99	27 35	71 1	0 024	1441 1
30 0	-1 48	-1 48	34 06	27 41	66 0	0 027	1441 6
35 0	-1 41	-1 41	34 24	27 56	52 0	0 030	1442 3
40 0	-0 77	-0 77	34 31	27 58	49 6	0 033	1443 5
45 0	-0 28	-0 29	34 31	27 56	51 6	0 035	1447 8
50.0	0 35	0 35	34 48	27 67	41 6	0 038	1451 0
55.0	0 47	0 47	34 47	27 65	42 8	0 040	1451 6
60.0	0 99	0 99	34 61	27 73	35 8	0 042	1454 2
65.0	0 89	0 88	34 68	27 79	29 6	0 043	1454 0
70 0	0 89	0 89	34 67	27 78	30 7	0 045	1454 0
75 0	1 33	1 33	34 70	27 78	31 1	0 047	1456 1
80 0	1 95	1 93	34 75	27 78	31 7	0 048	1459 0
85 0	2 15	2 15	34 80	27 80	29 5	0 050	1460 1
90 0	2 04	2 03	34 81	27 82	27 9	0 051	1459 7
95 0	2 13	2 12	34 82	27 82	27 8	0 053	1460 2
100 0	2 10	2 10	34 83	27 83	26 9	0 054	1460 1
110 0	2 10	2 09	34 83	27 83	26 8	0 057	1460 3
120 0	2 08	2 08	34 85	27 84	25 5	0 059	1460 4
130 0	2 22	2 21	34 88	27 85	24 6	0 062	1461 2
140 0	2 30	2 29	34 88	27 85	24 8	0 064	1461 7
150 0	2 33	2 32	34 91	27 87	23 2	0 067	1462 1
160 0	2 37	2 36	34 92	27 88	22 7	0 069	1462 4
170 0	2 38	2 37	34 92	27 88	22 5	0 071	1462 6
180 0	2 31	2 30	34 92	27 89	22 0	0 074	1462 5
190 0	2 34	2 33	34 93	27 89	22 0	0 076	1462 8
200 0	2 27	2 26	34 93	27 89	21 7	0 078	1462 7
210 0	2 25	2 24	34 92	27 89	21 6	0 080	1462 7
220 0	2 22	2 21	34 93	27 90	21 2	0 082	1462 8
230 0	2 17	2 16	34 93	27 90	20 4	0 084	1462 7
240 0	2 15	2 14	34 94	27 91	19 8	0 087	1462 8
250 0	2 12	2 11	34 93	27 91	20 2	0 089	1462 8
260 0	2 09	2 08	34 93	27 91	19 8	0 091	1462 9
270 0	2 06	2 05	34 94	27 92	19 2	0 093	1462 9
280 0	2 06	2 05	34 96	27 93	18 1	0 094	1463 1
290 0	2 01	2 00	34 95	27 93	18 1	0 096	1463 1
300 0	1 98	1 97	34 94	27 93	18 6	0 098	1463 1
310 0	1 95	1 94	34 94	27 93	18 3	0 100	1463 1
320 0	1 83	1 82	34 94	27 93	17 8	0 102	1462 7
330 0	1 73	1 72	34 92	27 93	18 0	0 104	1462 5
340 0	1 65	1 63	34 92	27 93	17 7	0 105	1462 2
350 0	1 62	1 60	34 93	27 95	16 7	0 107	1462 3
360 0	1 64	1 62	34 94	27 95	16 1	0 109	1462 5
370 0	1 75	1 73	34 96	27 96	15 7	0 110	1463 2
380 0	1 71	1 69	34 96	27 96	15 4	0 112	1463 2
390 0	1 68	1 66	34 94	27 95	16 9	0 114	1463 2
400 0	1 60	1 58	34 95	27 96	15 2	0 115	1463 1
410 0	1 40	1 38	34 93	27 97	14 8	0 117	1462 3
410 8	1 40	1 38	34 95	27 98	13 6	0 117	1462 3

DEPTH TEMP. SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
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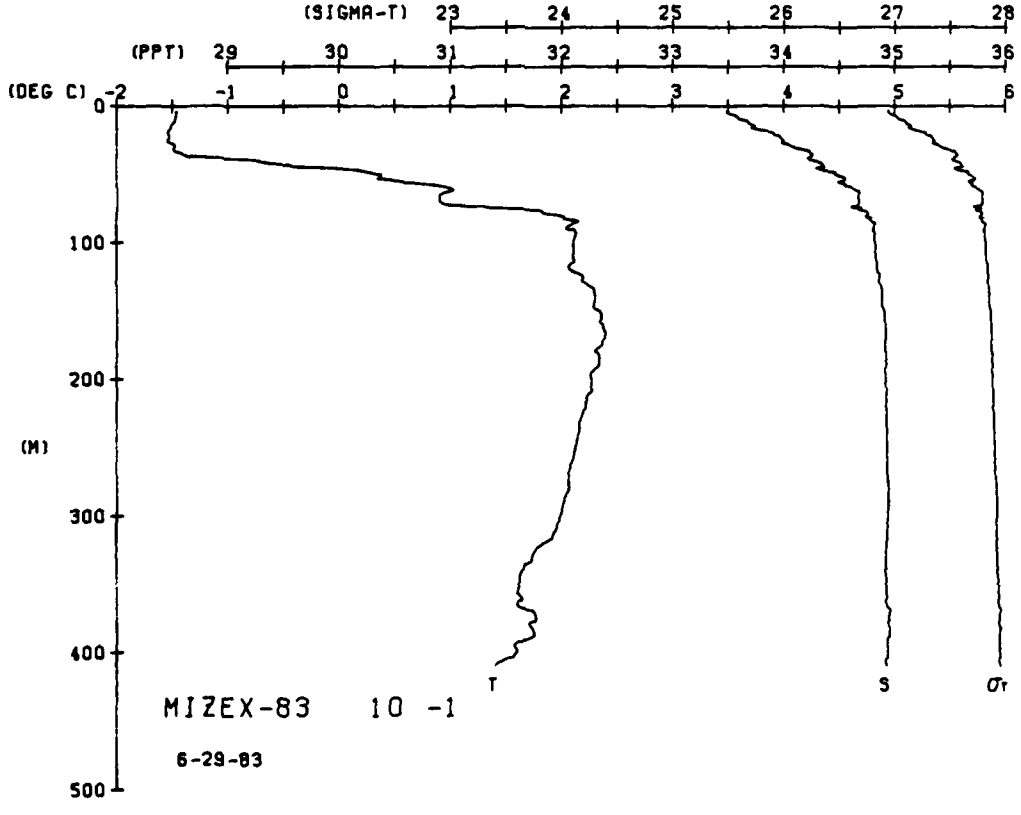
MIZEX-83 9 -1
6-29-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
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MIZEX-83 10 -1
6-29-83

MIZEX-83 STATION 11(1) CTD 29/JUN/1983 1540 GMT CODE = 1
LAT = 81.0793N LNG = -6.2522W LTER = 30. LGER = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

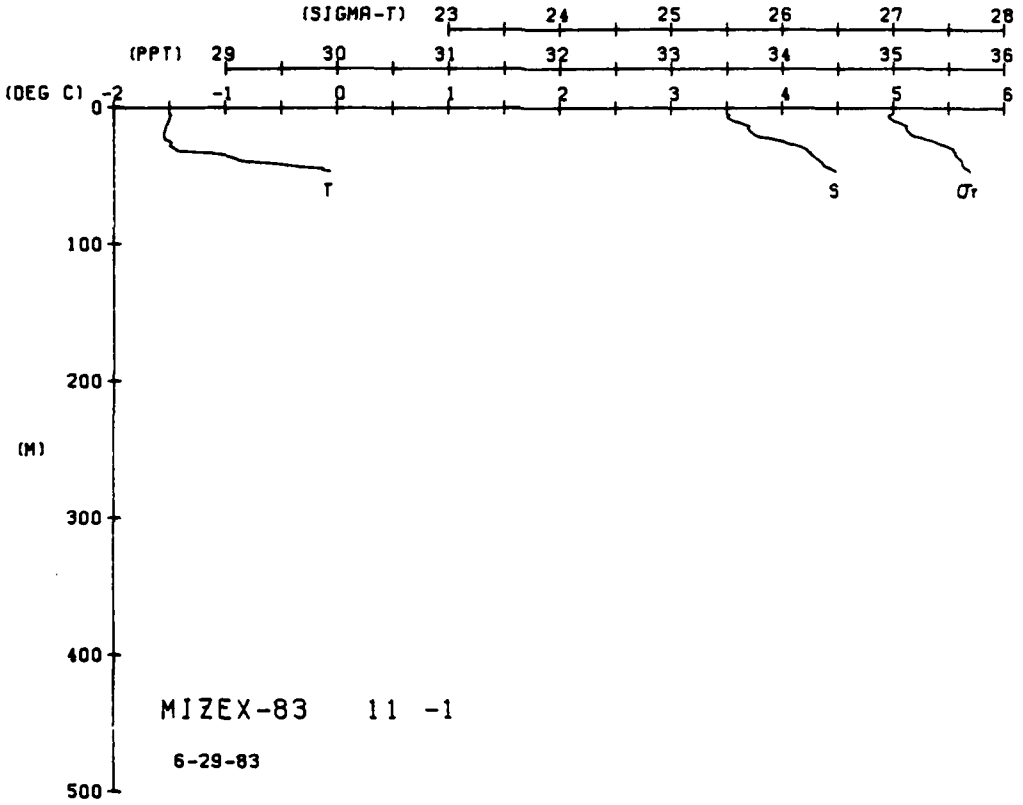
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.49	-1.49	33.53	26.98	107.1	0.000	1440.3
5.0	-1.49	-1.49	33.53	26.98	107.0	0.005	1440.4
5.1	-1.49	-1.49	33.53	26.98	107.0	0.006	1440.4
10.0	-1.51	-1.51	33.56	27.00	104.5	0.011	1440.4
15.0	-1.54	-1.54	33.68	27.10	94.8	0.016	1440.6
20.0	-1.55	-1.55	33.75	27.16	89.5	0.020	1440.7
25.0	-1.50	-1.50	34.01	27.37	69.6	0.025	1441.4
30.0	-1.45	-1.45	34.20	27.52	55.2	0.028	1441.9
35.0	-1.00	-1.00	34.27	27.56	51.5	0.030	1444.2
40.0	-0.75	-0.75	34.38	27.64	44.0	0.033	1445.6
45.0	-0.13	-0.13	34.46	27.68	40.4	0.035	1448.7

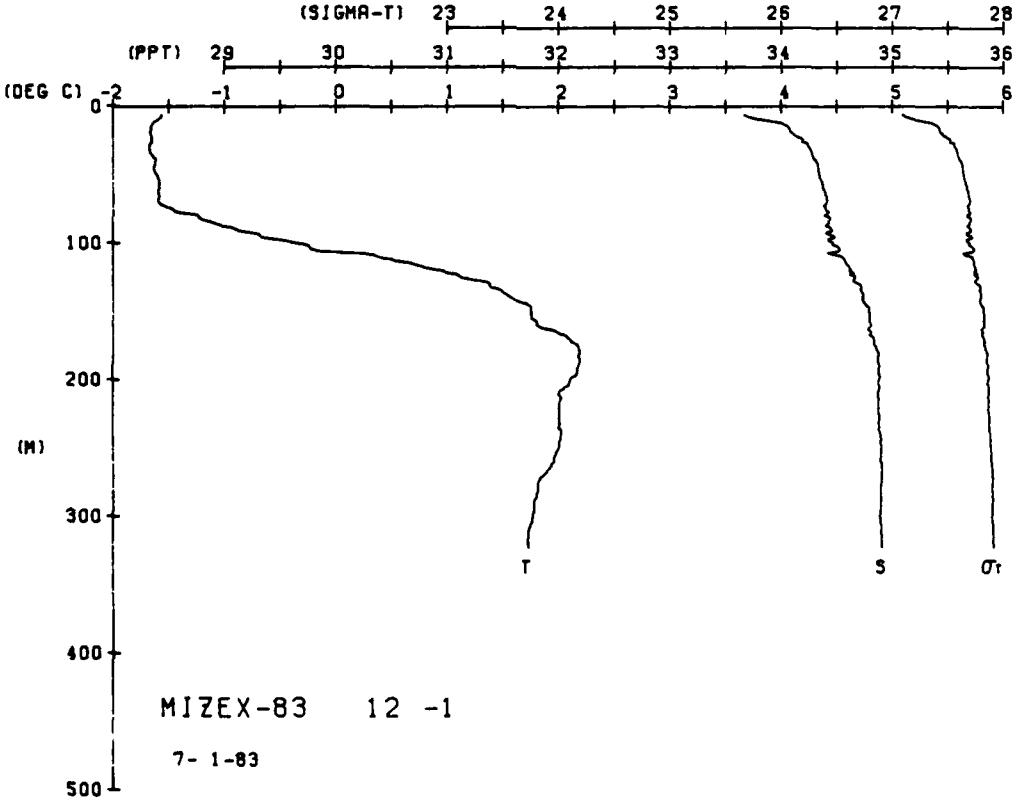
DEPTH TEMP SALIN

MIZEX-83 STATION 12(1) CTD 1/JUL/1983 1314 GMT CODE = 1
LAT = 81.1907N LNG = -7.1563W LTER = 30. LGER = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.56	-1.56	33.67	27.09	96.0	0.000	1440.2
5.0	-1.56	-1.56	33.67	27.09	96.0	0.005	1440.3
5.7	-1.56	-1.56	33.67	27.09	96.0	0.005	1440.3
10.0	-1.60	-1.60	33.79	27.20	86.2	0.010	1440.3
15.0	-1.66	-1.66	34.06	27.41	65.8	0.013	1440.5
20.0	-1.67	-1.67	34.10	27.45	62.4	0.017	1440.6
25.0	-1.66	-1.66	34.20	27.53	54.8	0.020	1440.9
30.0	-1.69	-1.69	34.25	27.57	51.0	0.022	1440.9
35.0	-1.66	-1.66	34.28	27.59	48.9	0.025	1441.2
40.0	-1.62	-1.62	34.32	27.62	45.6	0.027	1441.5
45.0	-1.64	-1.64	34.33	27.63	45.0	0.029	1441.5
50.0	-1.61	-1.61	34.34	27.64	44.2	0.032	1441.7
55.0	-1.59	-1.59	34.37	27.66	41.6	0.034	1441.9
60.0	-1.59	-1.59	34.38	27.67	41.2	0.036	1442.1
65.0	-1.59	-1.59	34.40	27.68	39.5	0.038	1442.2
70.0	-1.59	-1.59	34.40	27.69	38.9	0.040	1442.2
75.0	-1.48	-1.49	34.39	27.68	40.3	0.042	1442.8
80.0	-1.25	-1.25	34.38	27.66	41.5	0.044	1444.0
85.0	-1.12	-1.12	34.43	27.70	38.4	0.046	1444.7
90.0	-0.90	-0.90	34.46	27.71	37.4	0.048	1445.9
95.0	-0.67	-0.68	34.48	27.72	36.2	0.050	1447.1
100.0	-0.38	-0.38	34.48	27.70	38.0	0.052	1448.5
110.0	0.38	0.38	34.56	27.73	35.9	0.055	1452.2
120.0	0.94	0.94	34.60	27.73	36.2	0.059	1455.0
130.0	1.38	1.37	34.71	27.79	30.7	0.062	1457.3
140.0	1.56	1.56	34.74	27.80	29.8	0.066	1458.3
150.0	1.75	1.74	34.78	27.82	28.1	0.068	1459.4
160.0	1.81	1.80	34.81	27.83	26.7	0.071	1459.8
170.0	2.09	2.08	34.85	27.84	26.0	0.074	1461.3
180.0	2.19	2.18	34.87	27.86	24.7	0.076	1461.9
190.0	2.17	2.16	34.89	27.87	23.6	0.079	1462.0
200.0	2.10	2.09	34.88	27.86	24.0	0.081	1461.8
210.0	2.00	1.99	34.88	27.87	23.0	0.084	1461.6
220.0	2.01	1.99	34.88	27.88	22.7	0.086	1461.8
230.0	2.01	2.00	34.89	27.88	22.5	0.088	1462.0
240.0	2.03	2.02	34.89	27.88	22.5	0.091	1462.2
250.0	2.00	1.99	34.90	27.89	21.3	0.093	1462.3
260.0	1.96	1.95	34.90	27.90	21.2	0.095	1462.3
270.0	1.86	1.84	34.91	27.91	19.8	0.097	1462.0
280.0	1.81	1.80	34.90	27.90	20.4	0.099	1461.9
290.0	1.78	1.76	34.90	27.91	19.7	0.101	1462.0
300.0	1.77	1.75	34.90	27.91	19.6	0.103	1462.1
310.0	1.73	1.72	34.91	27.92	18.9	0.105	1462.1
320.0	1.73	1.71	34.91	27.92	18.8	0.107	1462.2
322.8	1.73	1.71	34.92	27.93	18.2	0.107	1462.3

DEPTH TEMP SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 11 -1
6-29-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 12 -1
7- 1-83

MIZEX-83 STATION 13(1) CTD 1/JUL/1983 1635 GMT CODE = 1
LAT = 81 4500N LNG = -7 1400W LTER = 150 LGER = 150
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

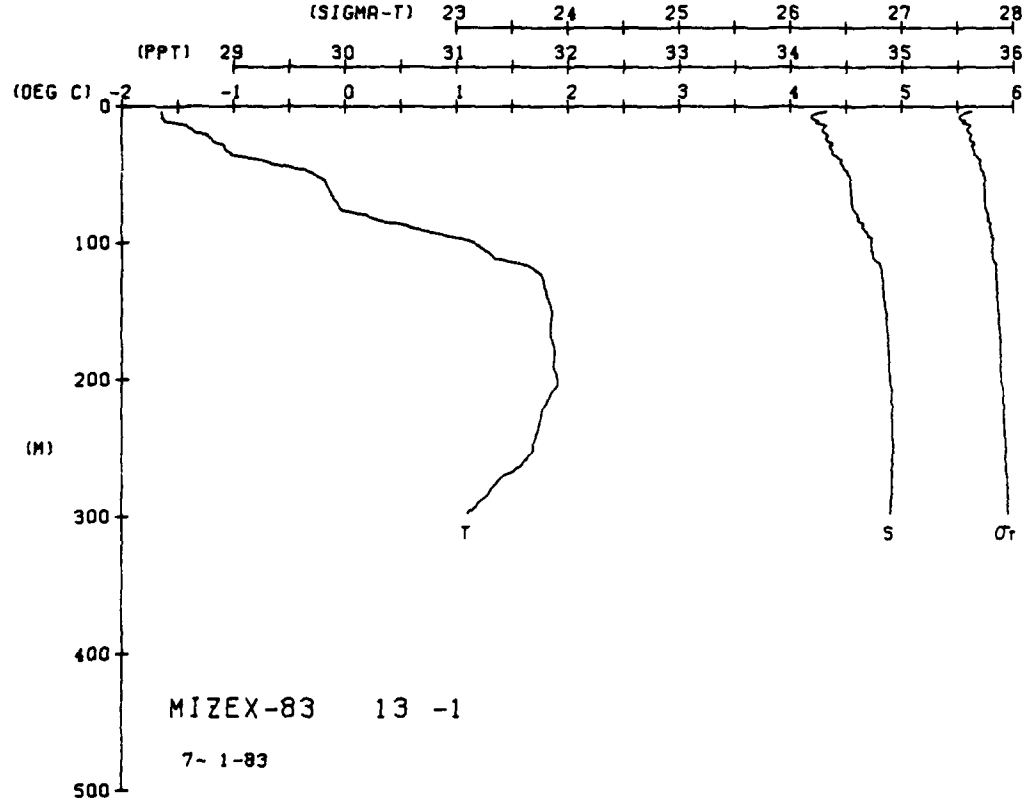
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0 0	-1 64	-1 64	34 32	27 62	45 7	0 000	1440 7
4 2	-1 64	-1 64	34 32	27 62	45 6	0 002	1440 8
5 0	-1 64	-1 64	34 25	27 57	51 1	0 002	1440 7
10 0	-1 61	-1 62	34 21	27 53	54 4	0 005	1440 9
15 0	-1 41	-1 41	34 32	27 61	46 6	0 008	1442 0
20 0	-1 34	-1 34	34 31	27 60	47 5	0 010	1442 4
25 0	-1 18	-1 18	34 33	27 61	46 4	0 012	1443 3
30 0	-1 08	-1 08	34 35	27 63	45 2	0 015	1443 9
35 0	-1 03	-1 03	34 35	27 63	45 1	0 017	1444 2
40 0	-0 73	-0 73	34 46	27 71	37 7	0 019	1445 9
45 0	-0 51	-0 51	34 47	27 71	37 9	0 021	1447 0
50 0	-0 28	-0 29	34 51	27 73	35 9	0 023	1448 1
55 0	-0 17	-0 17	34 54	27 74	34 3	0 025	1448 8
60 0	-0 14	-0 14	34 54	27 75	34 0	0 026	1449 0
65 0	-0 12	-0 12	34 54	27 74	34 3	0 028	1449 2
70 0	-0 08	-0 08	34 55	27 75	33 6	0 030	1449 5
75 0	-0 05	-0 05	34 56	27 75	33 4	0 031	1449 7
80 0	0 18	0 17	34 61	27 78	30 9	0 033	1450 9
85 0	0 34	0 34	34 62	27 78	30 6	0 035	1451 8
90 0	0 64	0 63	34 66	27 80	29 3	0 036	1453 2
95 0	0 92	0 91	34 70	27 81	28 2	0 038	1454 6
100 0	1 16	1 15	34 72	27 81	28 3	0 039	1455 8
110 0	1 32	1 31	34 73	27 81	28 5	0 042	1456 7
120 0	1 70	1 69	34 81	27 85	25 1	0 045	1458 7
130 0	1 79	1 78	34 83	27 85	24 8	0 047	1459 3
140 0	1 82	1 81	34 84	27 86	24 2	0 050	1459 6
150 0	1 86	1 85	34 85	27 87	23 4	0 052	1459 9
160 0	1 85	1 84	34 87	27 88	22 4	0 054	1460 1
170 0	1 86	1 85	34 87	27 88	22 0	0 057	1460 3
180 0	1 88	1 87	34 88	27 89	21 6	0 059	1460 6
190 0	1 87	1 86	34 88	27 89	21 4	0 061	1460 7
200 0	1 91	1 90	34 90	27 90	20 9	0 063	1461 0
210 0	1 85	1 84	34 90	27 91	19 8	0 065	1460 9
220 0	1 79	1 78	34 92	27 92	18 4	0 067	1460 9
230 0	1 75	1 74	34 92	27 92	18 2	0 069	1460 9
240 0	1 71	1 70	34 91	27 92	18 2	0 071	1460 9
250 0	1 69	1 67	34 92	27 93	17 7	0 073	1460 9
260 0	1 60	1 59	34 92	27 94	17 1	0 074	1460 7
270 0	1 43	1 41	34 91	27 94	16 7	0 076	1460 1
280 0	1 30	1 29	34 91	27 95	15 9	0 078	1459 7
290 0	1 19	1 18	34 90	27 96	15 1	0 079	1459 4

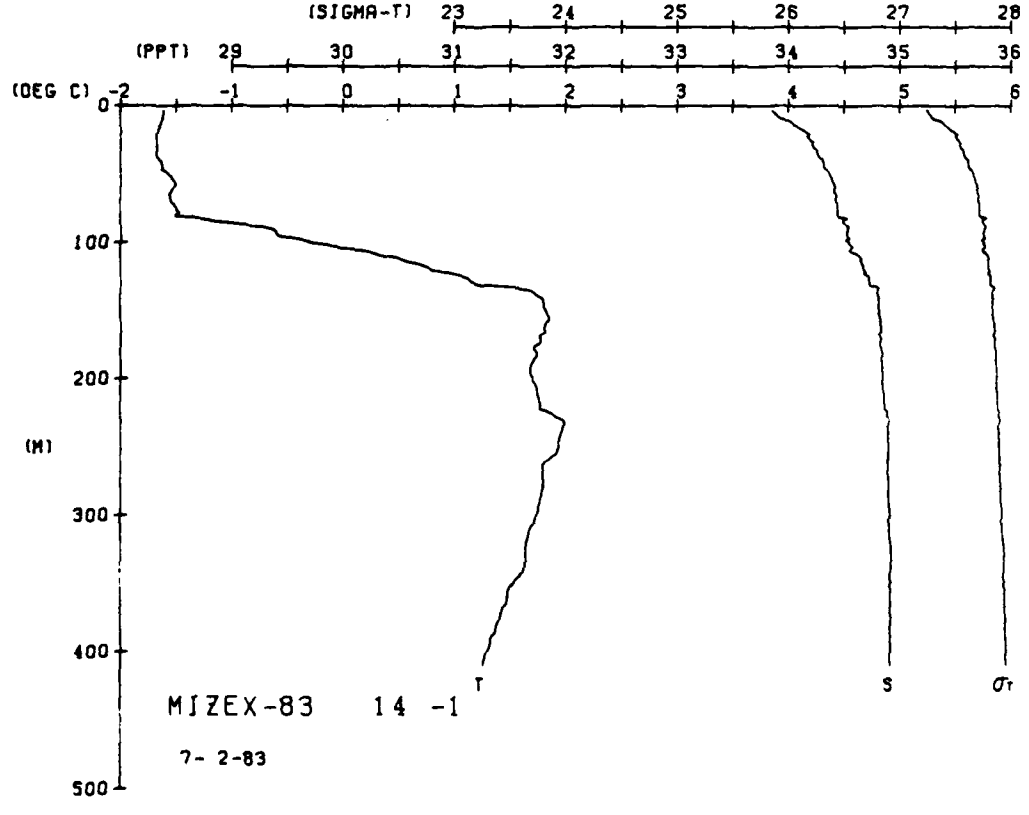
DEPTH TEMP SALIN

MIZEX-83 STATION 14(1) CTD 2/JUL/1983 1127 GMT CODE = 1
LAT = 81 2005N LNG = -7 3418W LTER = 30 LGER = 30
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0 0	-1 57	-1 57	33 85	27 24	81 7	0 000	1440 4
1 9	-1 57	-1 57	33 85	27 24	81 7	0 002	1440 4
5 0	-1 61	-1 61	33 87	27 26	80 1	0 004	1440 3
10 0	-1 62	-1 62	33 93	27 31	75 8	0 008	1440 4
15 0	-1 65	-1 65	34 07	27 42	64 9	0 012	1440 6
20 0	-1 68	-1 68	34 16	27 49	58 0	0 015	1440 7
25 0	-1 68	-1 68	34 18	27 51	56 0	0 018	1440 8
30 0	-1 68	-1 68	34 22	27 54	53 5	0 020	1440 9
35 0	-1 68	-1 68	34 27	27 58	49 4	0 023	1441 1
40 0	-1 65	-1 65	34 31	27 61	46 3	0 025	1441 3
45 0	-1 62	-1 62	34 32	27 62	45 5	0 028	1441 5
50 0	-1 58	-1 58	34 37	27 66	42 0	0 030	1441 9
55 0	-1 53	-1 53	34 39	27 68	40 2	0 032	1442 3
60 0	-1 52	-1 52	34 41	27 69	38 9	0 034	1442 4
65 0	-1 57	-1 57	34 41	27 69	38 6	0 036	1442 3
70 0	-1 54	-1 55	34 43	27 71	37 1	0 038	1442 5
75 0	-1 50	-1 51	34 44	27 72	36 2	0 040	1442 8
80 0	-1 51	-1 51	34 43	27 71	37 1	0 042	1442 8
85 0	-1 16	-1 17	34 48	27 74	34 3	0 043	1444 6
90 0	-0 67	-0 67	34 52	27 75	33 3	0 045	1447 1
95 0	-0 59	-0 60	34 52	27 75	33 8	0 047	1447 5
100 0	-0 31	-0 32	34 54	27 75	33 7	0 048	1448 9
110 0	0 34	0 34	34 63	27 79	29 9	0 052	1452 2
120 0	0 78	0 77	34 67	27 79	29 7	0 055	1454 4
130 0	1 16	1 15	34 73	27 82	27 8	0 058	1456 3
140 0	1 76	1 75	34 80	27 83	26 7	0 060	1459 2
150 0	1 82	1 81	34 82	27 84	25 5	0 063	1459 7
160 0	1 81	1 80	34 83	27 85	25 3	0 066	1459 8
170 0	1 77	1 76	34 83	27 85	24 8	0 068	1459 8
180 0	1 73	1 72	34 84	27 86	23 7	0 071	1459 8
190 0	1 68	1 67	34 84	27 87	23 3	0 073	1459 8
200 0	1 71	1 70	34 85	27 87	22 9	0 075	1460 1
210 0	1 75	1 73	34 86	27 88	22 2	0 078	1460 4
220 0	1 77	1 76	34 86	27 88	22 3	0 080	1460 7
230 0	1 96	1 95	34 91	27 90	20 7	0 082	1461 8
240 0	1 96	1 95	34 91	27 90	20 7	0 084	1461 9
250 0	1 93	1 92	34 90	27 90	21 0	0 086	1462 0
260 0	1 82	1 81	34 89	27 90	20 8	0 088	1461 6
270 0	1 80	1 78	34 91	27 91	19 6	0 090	1461 7
280 0	1 79	1 78	34 91	27 92	19 1	0 092	1461 9
290 0	1 76	1 75	34 91	27 92	19 2	0 094	1461 9
300 0	1 74	1 72	34 92	27 92	18 5	0 096	1461 9
310 0	1 67	1 66	34 91	27 92	18 6	0 098	1461 8
320 0	1 64	1 62	34 92	27 94	17 3	0 100	1461 9
330 0	1 63	1 61	34 92	27 94	17 2	0 102	1462 0
340 0	1 62	1 60	34 93	27 94	16 8	0 103	1462 1
350 0	1 53	1 51	34 92	27 95	16 5	0 105	1461 9
360 0	1 47	1 45	34 92	27 95	16 1	0 107	1461 8
370 0	1 42	1 41	34 92	27 96	15 6	0 108	1461 7
380 0	1 37	1 36	34 91	27 95	16 1	0 110	1461 7
390 0	1 32	1 30	34 92	27 96	15 5	0 111	1461 6
400 0	1 28	1 26	34 92	27 96	14 9	0 113	1461 6
410 0	1 25	1 23	34 92	27 97	14 6	0 115	1461 6
410 3	1 25	1 22	34 93	27 97	13 9	0 115	1461 6

DEPTH TEMP SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 13 -1
7- 1-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 14 -1
7- 2-83

MIZEX-83 STATION 15(1) CTD 2/JUL/1983 2222 GMT CODE = 1
LAT = 81.4567N LNG = -7.4200W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

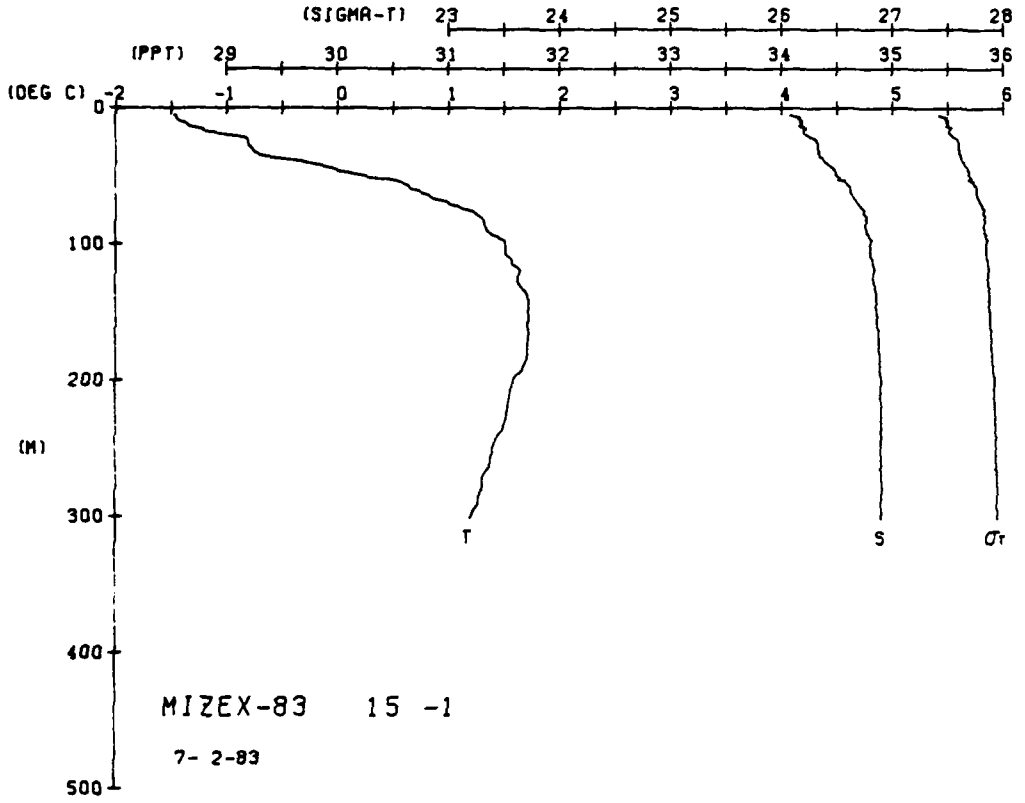
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.46	-1.46	34.09	27.43	64.2	0.000	1441.2
5.0	-1.46	-1.46	34.09	27.43	64.2	0.003	1441.3
5.1	-1.46	-1.46	34.09	27.43	64.2	0.003	1441.3
10.0	-1.42	-1.42	34.20	27.52	55.7	0.006	1441.7
15.0	-1.29	-1.29	34.23	27.54	53.6	0.009	1442.5
20.0	-1.01	-1.01	34.24	27.54	54.0	0.012	1443.9
25.0	-0.81	-0.81	34.32	27.59	48.4	0.014	1445.0
30.0	-0.78	-0.78	34.34	27.61	47.3	0.017	1445.3
35.0	-0.71	-0.71	34.35	27.61	46.6	0.019	1445.7
40.0	-0.32	-0.32	34.40	27.64	44.0	0.021	1447.7
45.0	-0.04	-0.04	34.47	27.68	40.5	0.024	1449.1
50.0	0.19	0.19	34.52	27.71	37.8	0.026	1450.3
55.0	0.56	0.56	34.59	27.74	34.6	0.027	1452.2
60.0	0.66	0.66	34.62	27.76	32.5	0.029	1452.8
65.0	0.83	0.83	34.65	27.78	31.4	0.031	1453.7
70.0	1.00	0.99	34.69	27.80	29.2	0.032	1454.6
75.0	1.14	1.13	34.73	27.83	26.0	0.034	1455.3
80.0	1.27	1.27	34.77	27.84	25.3	0.035	1456.1
85.0	1.33	1.33	34.76	27.83	26.4	0.036	1456.4
90.0	1.35	1.35	34.77	27.84	25.8	0.038	1456.6
95.0	1.45	1.44	34.80	27.85	24.4	0.039	1457.1
100.0	1.51	1.51	34.81	27.85	24.2	0.040	1457.5
110.0	1.54	1.54	34.81	27.85	24.3	0.042	1457.8
120.0	1.64	1.64	34.84	27.87	22.6	0.045	1458.5
130.0	1.64	1.63	34.84	27.87	22.5	0.047	1458.6
140.0	1.72	1.71	34.86	27.88	21.7	0.049	1459.1
150.0	1.72	1.71	34.86	27.88	21.8	0.052	1459.3
160.0	1.71	1.70	34.86	27.88	21.8	0.054	1459.4
170.0	1.73	1.72	34.88	27.90	20.4	0.056	1459.7
180.0	1.71	1.70	34.89	27.91	19.8	0.058	1459.8
190.0	1.67	1.66	34.90	27.91	19.0	0.060	1459.8
200.0	1.58	1.57	34.90	27.93	17.9	0.062	1459.6
210.0	1.56	1.55	34.90	27.93	17.8	0.064	1459.6
220.0	1.53	1.52	34.91	27.94	17.0	0.065	1459.7
230.0	1.51	1.49	34.90	27.93	17.2	0.067	1459.8
240.0	1.44	1.43	34.90	27.93	17.2	0.069	1459.6
250.0	1.40	1.38	34.91	27.94	16.4	0.071	1459.6
260.0	1.38	1.36	34.91	27.94	16.3	0.072	1459.7
270.0	1.31	1.30	34.91	27.95	15.5	0.074	1459.6
280.0	1.29	1.28	34.91	27.96	15.2	0.075	1459.6
290.0	1.27	1.26	34.90	27.95	15.8	0.077	1459.7
300.0	1.21	1.19	34.90	27.95	15.7	0.079	1459.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 16(1) CTD 2/JUL/1983 2320 GMT CODE = 1
LAT = 81.4300N LNG = -5.7800W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.70	-1.70	34.08	27.43	64.3	0.000	1440.1
1.9	-1.70	-1.70	34.08	27.43	64.3	0.001	1440.1
5.0	-1.73	-1.73	34.05	27.40	66.4	0.003	1440.0
10.0	-1.72	-1.72	34.07	27.42	64.9	0.007	1440.1
15.0	-1.72	-1.72	34.09	27.44	63.1	0.010	1440.3
20.0	-1.72	-1.72	34.12	27.46	61.1	0.013	1440.4
25.0	-1.72	-1.72	34.11	27.46	61.3	0.016	1440.5
30.0	-1.72	-1.72	34.13	27.47	60.3	0.019	1440.6
35.0	-1.73	-1.73	34.14	27.48	59.2	0.022	1440.6
40.0	-1.73	-1.73	34.15	27.49	58.1	0.025	1440.7
45.0	-1.74	-1.74	34.16	27.50	57.3	0.028	1440.8
50.0	-1.73	-1.73	34.16	27.50	57.3	0.031	1440.9
55.0	-1.72	-1.72	34.19	27.52	54.9	0.034	1441.1
60.0	-1.73	-1.73	34.24	27.56	51.5	0.036	1441.2
65.0	-1.62	-1.62	34.35	27.65	43.2	0.039	1441.9
70.0	-1.56	-1.57	34.34	27.64	43.9	0.041	1442.3
75.0	-1.55	-1.55	34.35	27.65	42.9	0.043	1442.4
80.0	-1.49	-1.49	34.38	27.67	41.1	0.045	1442.9
85.0	-1.39	-1.39	34.41	27.69	38.7	0.047	1443.5
90.0	-0.97	-0.97	34.47	27.72	36.2	0.049	1445.6
95.0	-0.68	-0.68	34.51	27.75	33.9	0.051	1447.1
100.0	-0.28	-0.29	34.56	27.76	32.5	0.053	1449.0
110.0	0.56	0.55	34.65	27.79	30.0	0.056	1453.2
120.0	0.83	0.83	34.68	27.80	29.5	0.059	1454.6
130.0	0.95	0.95	34.72	27.82	27.0	0.062	1455.4
140.0	1.54	1.53	34.81	27.85	24.6	0.064	1458.3
150.0	1.68	1.68	34.81	27.85	25.1	0.067	1459.1
160.0	2.00	2.00	34.87	27.87	23.6	0.069	1460.7
170.0	2.01	2.00	34.87	27.87	23.2	0.072	1461.0
180.0	1.96	1.95	34.86	27.86	23.9	0.074	1460.9
190.0	1.95	1.94	34.90	27.90	20.5	0.076	1461.0
200.0	1.99	1.98	34.89	27.89	21.7	0.078	1461.4
210.0	1.96	1.95	34.91	27.90	20.5	0.081	1461.5
220.0	1.99	1.98	34.91	27.90	20.7	0.083	1461.8
230.0	2.00	1.99	34.91	27.90	20.5	0.085	1462.0
240.0	2.03	2.02	34.93	27.91	19.4	0.087	1462.3
250.0	2.04	2.03	34.94	27.92	19.2	0.089	1462.5
260.0	1.97	1.95	34.92	27.91	19.5	0.091	1462.3
270.0	1.93	1.91	34.93	27.92	19.1	0.093	1462.3
280.0	1.89	1.88	34.94	27.93	18.2	0.095	1462.3
290.0	1.88	1.87	34.95	27.94	17.3	0.096	1462.5
300.0	1.85	1.84	34.94	27.94	17.6	0.098	1462.5
303.9	1.84	1.82	34.94	27.94	17.6	0.099	1462.5

DEPTH TEMP. SALIN



MIZEX-83 15 -1

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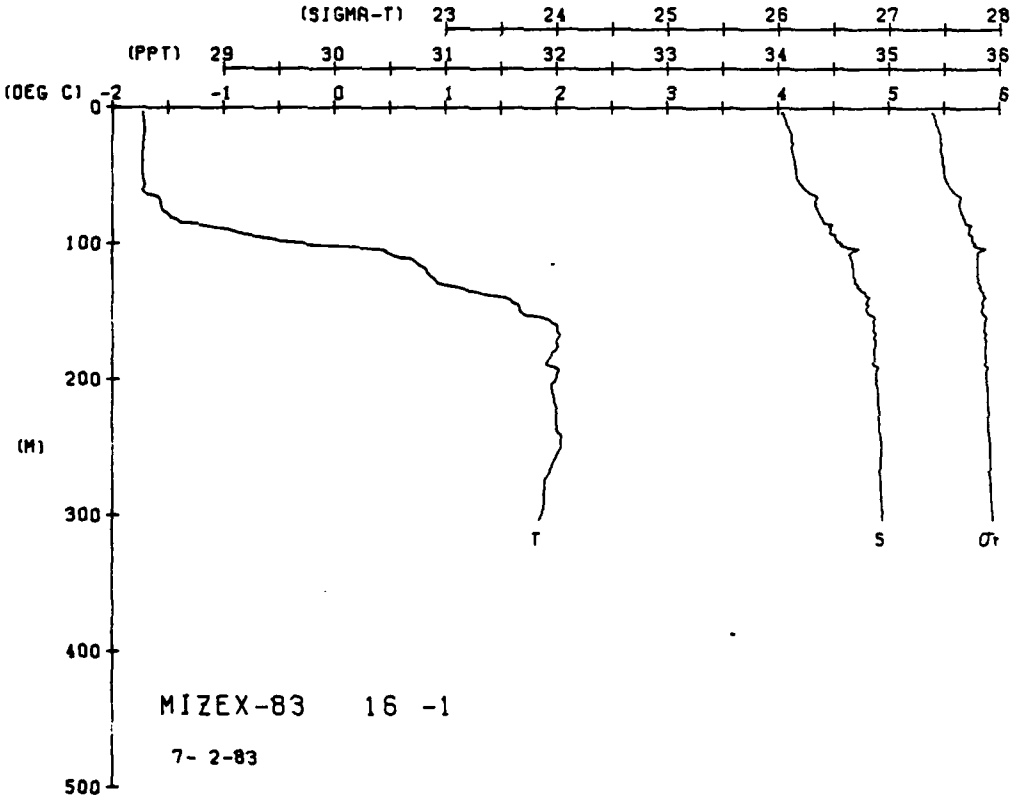

MIZEX-83 16 -1

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MIZEX-83 STATION 17(1) CTD 3/JUL/1983 4 GMT CODE = 1
LAT = 81.1800N LNG = -5.7900W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

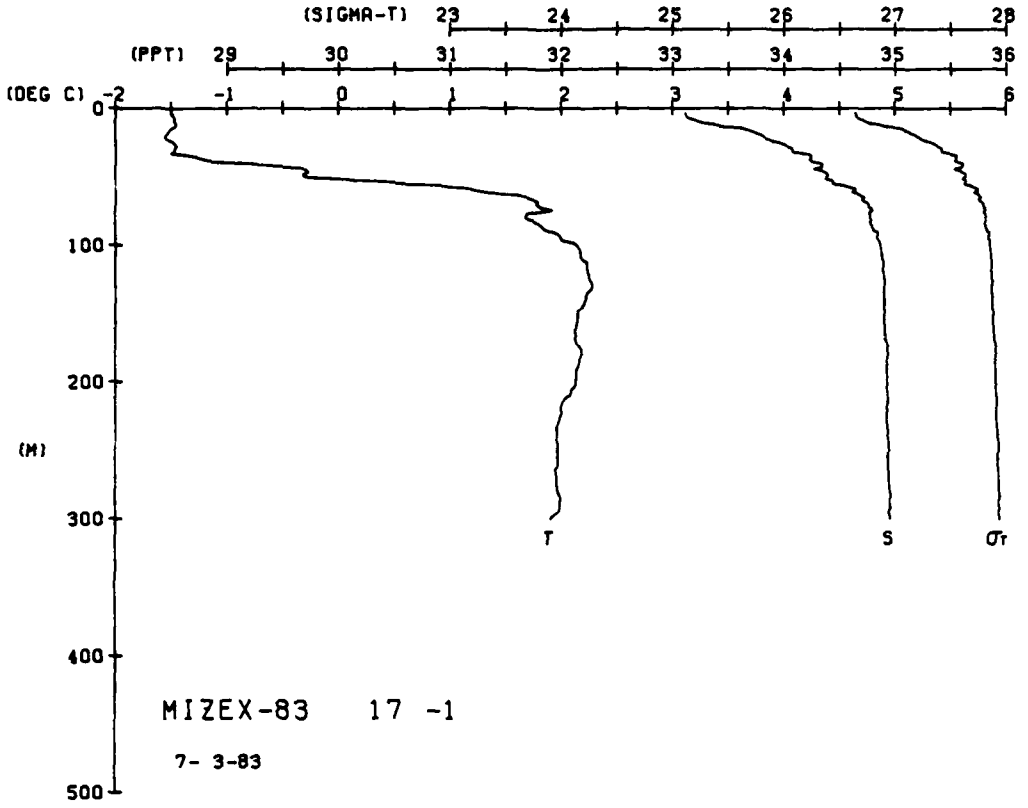
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.50	-1.50	33.12	26.64	138.8	0.000	1439.7
1.9	-1.50	-1.50	33.12	26.64	138.8	0.003	1439.7
5.0	-1.49	-1.49	33.12	26.64	138.7	0.007	1439.8
10.0	-1.47	-1.47	33.22	26.73	130.4	0.014	1440.2
15.0	-1.50	-1.50	33.61	27.04	100.6	0.020	1440.6
20.0	-1.55	-1.55	33.79	27.19	86.9	0.024	1440.7
25.0	-1.49	-1.49	33.95	27.32	74.7	0.029	1441.3
30.0	-1.47	-1.47	34.08	27.42	64.4	0.032	1441.7
35.0	-1.34	-1.34	34.24	27.55	52.6	0.035	1442.6
40.0	-1.08	-1.08	34.29	27.58	49.5	0.038	1444.0
45.0	-0.32	-0.32	34.31	27.57	51.1	0.040	1447.6
50.0	-0.30	-0.30	34.39	27.63	45.1	0.043	1447.9
55.0	0.49	0.49	34.44	27.63	45.2	0.045	1451.7
60.0	1.19	1.18	34.61	27.72	36.7	0.047	1455.1
65.0	1.65	1.65	34.73	27.78	31.2	0.049	1457.4
70.0	1.78	1.78	34.76	27.80	29.5	0.050	1458.1
75.0	1.92	1.92	34.80	27.82	27.8	0.052	1458.9
80.0	1.68	1.68	34.78	27.82	27.4	0.053	1457.9
85.0	1.80	1.80	34.79	27.82	27.8	0.054	1458.5
90.0	1.88	1.87	34.82	27.83	26.2	0.056	1459.0
95.0	2.00	1.99	34.84	27.85	25.0	0.057	1459.6
100.0	2.13	2.13	34.87	27.86	24.1	0.058	1460.3
110.0	2.18	2.17	34.89	27.87	22.8	0.061	1460.7
120.0	2.24	2.23	34.91	27.88	22.3	0.063	1461.2
130.0	2.28	2.27	34.91	27.88	22.5	0.065	1461.5
140.0	2.22	2.21	34.91	27.88	22.3	0.067	1461.4
150.0	2.15	2.14	34.91	27.89	21.7	0.070	1461.3
160.0	2.13	2.12	34.92	27.89	21.1	0.072	1461.4
170.0	2.13	2.12	34.92	27.90	20.4	0.074	1461.5
180.0	2.18	2.17	34.94	27.91	19.3	0.076	1462.0
190.0	2.15	2.14	34.94	27.91	19.8	0.078	1462.0
200.0	2.13	2.12	34.94	27.91	19.4	0.080	1462.1
210.0	2.08	2.07	34.94	27.92	19.1	0.082	1462.0
220.0	2.00	1.98	34.94	27.92	18.6	0.084	1461.8
230.0	1.97	1.96	34.93	27.92	19.0	0.086	1461.8
240.0	1.96	1.94	34.94	27.93	17.8	0.088	1462.0
250.0	1.97	1.96	34.95	27.93	17.7	0.089	1462.2
260.0	1.97	1.96	34.95	27.93	17.8	0.091	1462.4
270.0	1.96	1.95	34.96	27.94	16.8	0.093	1462.5
280.0	1.97	1.95	34.96	27.94	16.9	0.095	1462.7
290.0	1.99	1.97	34.96	27.94	16.9	0.096	1463.0
300.0	1.91	1.89	34.96	27.95	16.2	0.098	1462.8
301.7	1.90	1.88	34.96	27.94	16.8	0.098	1462.8

DEPTH TEMP SALIN

MIZEX-83 STATION 18(1) CTD 3/JUL/1983 49 GMT CODE = 1
LAT = 81.0900N LNG = -5.7800W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.25	-1.25	33.42	26.88	116.3	*****	1441.3
5.0	-1.25	-1.25	33.42	26.88	116.2	*****	1441.4
0.0	-1.25	-1.25	33.42	26.88	116.3	*****	1441.3
10.0							
15.0							
16.1	-1.25	-1.25	33.42	26.88	116.2	*****	1441.5
20.0	-1.12	-1.12	33.48	26.93	111.5	*****	1442.3
25.0	1.08	1.08	34.28	27.46	61.4	*****	1453.6
30.0	1.00	1.00	34.52	27.66	42.7	*****	1453.6
35.0	0.17	0.17	34.50	27.69	39.2	*****	1449.9
40.0	-0.02	-0.02	34.45	27.67	41.6	*****	1449.1
45.0	-0.47	-0.48	34.53	27.75	33.3	*****	1447.2
50.0	-0.22	-0.22	34.60	27.79	29.5	*****	1448.5
55.0	0.22	0.22	34.63	27.80	29.3	*****	1450.7
60.0	0.75	0.75	34.73	27.84	25.2	*****	1453.3
65.0	0.93	0.93	34.73	27.83	26.4	*****	1454.2
70.0	1.15	1.14	34.79	27.86	23.1	*****	1455.3
75.0	1.45	1.44	34.74	27.81	28.4	*****	1456.7
80.0	1.20	1.19	34.75	27.83	26.5	*****	1455.7
85.0	1.37	1.36	34.76	27.83	26.5	*****	1456.5
90.0	1.53	1.52	34.77	27.82	27.1	*****	1457.4
95.0	1.69	1.69	34.83	27.86	24.1	*****	1458.2
100.0	1.87	1.87	34.85	27.86	23.7	*****	1459.1
110.0	1.96	1.96	34.85	27.85	24.7	*****	1459.7
120.0	2.07	2.07	34.86	27.85	24.8	*****	1460.4
130.0	2.09	2.08	34.88	27.87	23.0	*****	1460.6
140.0	2.14	2.13	34.90	27.88	22.3	*****	1461.0
150.0	2.19	2.18	34.91	27.89	21.7	*****	1461.4
160.0	2.17	2.16	34.91	27.89	21.7	*****	1461.5
170.0	2.19	2.18	34.92	27.89	21.3	*****	1461.8
180.0	2.19	2.18	34.93	27.90	20.6	*****	1462.0
190.0	2.23	2.21	34.93	27.90	20.7	*****	1462.3
200.0	2.15	2.14	34.94	27.91	19.9	*****	1462.1
210.0	2.10	2.09	34.94	27.91	19.6	*****	1462.1
220.0	2.07	2.06	34.94	27.91	19.4	*****	1462.1
230.0	2.06	2.05	34.94	27.92	18.7	*****	1462.3
240.0	2.07	2.05	34.95	27.93	18.1	*****	1462.5
250.0	2.03	2.02	34.94	27.92	18.8	*****	1462.5
260.0	1.95	1.93	34.94	27.93	18.1	*****	1462.2
270.0	1.92	1.91	34.95	27.94	17.1	*****	1462.3
280.0	1.94	1.93	34.96	27.95	16.5	*****	1462.6
290.0	1.92	1.90	34.96	27.94	16.7	*****	1462.7
300.0	1.89	1.87	34.96	27.95	16.6	*****	1462.7

DEPTH TEMP SALIN



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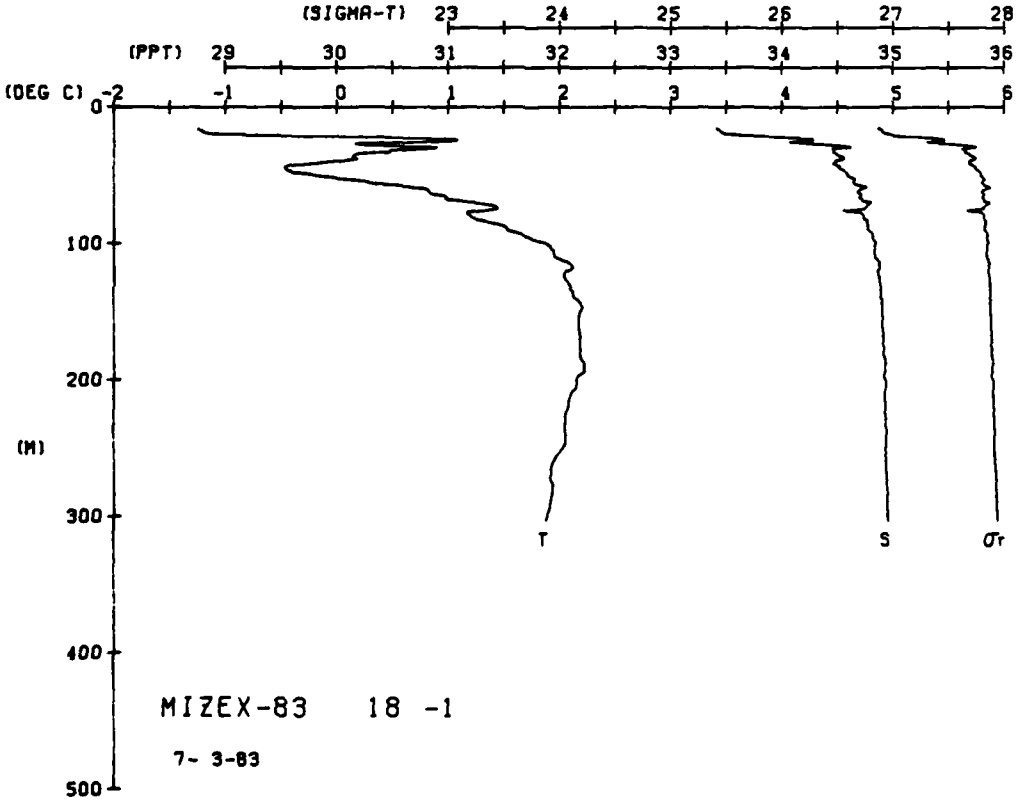

MIZEX-83 18 -1

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MIZEX-83 STATION 19(1) CTD 3/JUL/1983 135 GMT CODE = 1
LAT = 81.0900N LNG = -6.5000W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

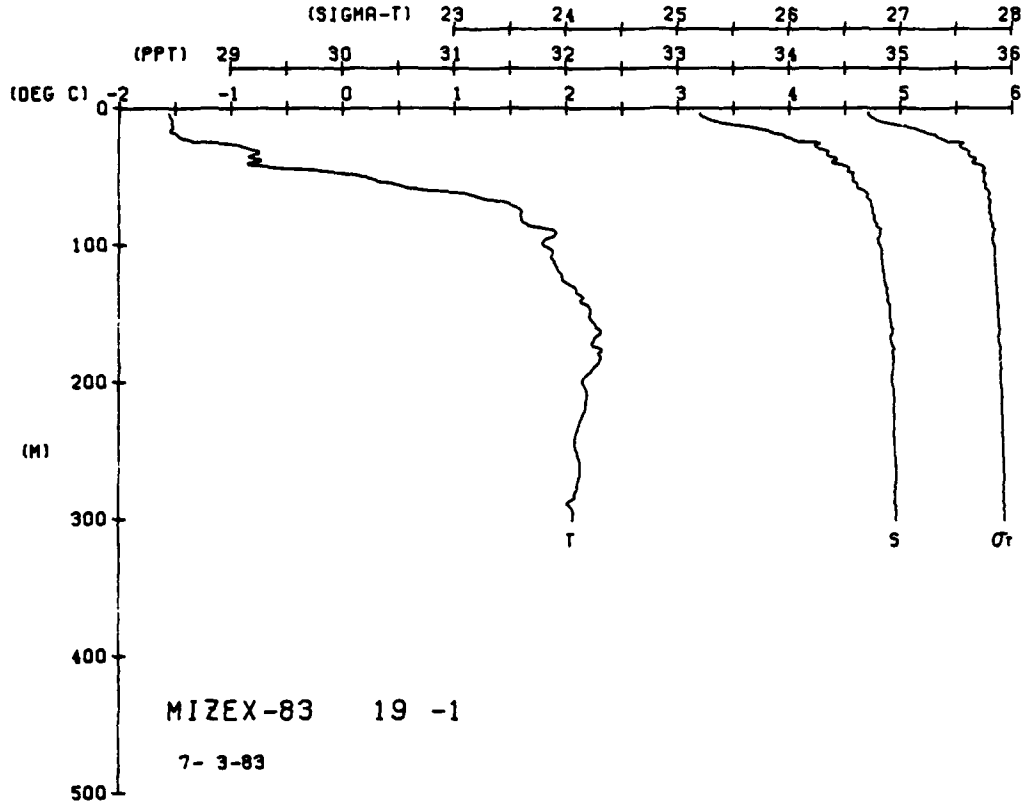
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	33.22	26.72	131.0	0.000	1439.5
1.9	-1.57	-1.57	33.22	26.72	130.9	0.003	1439.5
5.0	-1.55	-1.55	33.20	26.71	131.9	0.007	1439.6
10.0	-1.53	-1.53	33.31	26.80	123.6	0.013	1440.0
15.0	-1.52	-1.52	33.68	27.10	95.3	0.019	1440.6
20.0	-1.48	-1.48	33.95	27.32	74.2	0.023	1441.3
25.0	-1.33	-1.33	34.11	27.44	63.0	0.026	1442.3
30.0	-0.83	-0.83	34.29	27.57	50.7	0.029	1445.0
35.0	-0.84	-0.84	34.34	27.61	46.8	0.032	1445.1
40.0	-0.78	-0.78	34.38	27.64	44.1	0.034	1445.5
45.0	-0.47	-0.47	34.39	27.80	29.2	0.036	1447.3
50.0	0.14	0.14	34.57	27.75	33.8	0.037	1450.2
55.0	0.38	0.38	34.62	27.78	30.8	0.039	1451.4
60.0	0.67	0.67	34.64	27.78	31.4	0.041	1452.8
65.0	1.21	1.20	34.70	27.79	30.4	0.042	1455.4
70.0	1.48	1.48	34.75	27.81	28.4	0.044	1456.8
75.0	1.60	1.60	34.75	27.80	28.9	0.045	1457.4
80.0	1.60	1.60	34.77	27.81	27.9	0.047	1457.5
85.0	1.65	1.65	34.79	27.83	26.3	0.048	1457.8
90.0	1.88	1.88	34.82	27.83	26.2	0.049	1459.0
95.0	1.87	1.87	34.81	27.83	26.7	0.051	1459.0
100.0	1.78	1.78	34.81	27.83	26.2	0.052	1458.7
110.0	1.86	1.86	34.83	27.85	25.2	0.055	1459.2
120.0	1.93	1.93	34.85	27.86	24.2	0.057	1459.8
130.0	2.05	2.04	34.88	27.87	22.9	0.059	1460.5
140.0	2.14	2.13	34.89	27.87	22.9	0.062	1461.0
150.0	2.22	2.21	34.91	27.88	22.3	0.064	1461.6
160.0	2.27	2.26	34.92	27.89	21.7	0.066	1462.0
170.0	2.25	2.24	34.92	27.89	21.4	0.068	1462.0
180.0	2.28	2.27	34.92	27.89	21.7	0.071	1462.4
190.0	2.24	2.23	34.94	27.90	20.5	0.073	1462.4
200.0	2.14	2.13	34.93	27.90	20.4	0.075	1462.1
210.0	2.19	2.18	34.95	27.91	19.3	0.077	1462.5
220.0	2.17	2.16	34.95	27.91	19.3	0.079	1462.6
230.0	2.12	2.10	34.94	27.92	19.3	0.081	1462.5
240.0	2.08	2.06	34.95	27.92	18.4	0.083	1462.5
250.0	2.08	2.07	34.95	27.93	18.4	0.085	1462.7
260.0	2.12	2.11	34.96	27.93	18.2	0.086	1463.0
270.0	2.11	2.10	34.96	27.93	17.8	0.088	1463.2
280.0	2.09	2.08	34.96	27.93	17.9	0.090	1463.3
290.0	2.01	2.00	34.96	27.94	17.1	0.092	1463.1
300.0	2.06	2.04	34.96	27.94	17.4	0.094	1463.4
302.7	2.07	2.05	34.97	27.94	17.1	0.094	1463.5

DEPTH TEMP SALIN

MIZEX-83 STATION 20(1) CTD 3/JUL/1983 215 GMT CODE = 1
LAT = 81.0900N LNG = -7.1500W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.63	-1.63	33.39	26.87	117.1	0.000	1439.5
1.9	-1.63	-1.63	33.39	26.87	117.1	0.002	1439.5
5.0	-1.60	-1.60	33.35	26.84	120.4	0.006	1439.6
10.0	-1.56	-1.56	33.57	27.01	103.9	0.012	1440.2
15.0	-1.58	-1.58	33.65	27.07	97.6	0.017	1440.3
20.0	-1.57	-1.57	33.75	27.16	89.6	0.021	1440.6
25.0	-1.56	-1.56	34.03	27.38	68.4	0.025	1441.1
30.0	-1.01	-1.01	34.27	27.57	51.0	0.028	1444.1
35.0	-0.96	-0.96	34.34	27.62	46.2	0.031	1444.5
40.0	-1.21	-1.21	34.40	27.68	40.3	0.033	1443.5
45.0	-1.24	-1.24	34.41	27.68	40.1	0.035	1443.5
50.0	-1.36	-1.37	34.46	27.73	35.6	0.037	1443.0
55.0	-1.33	-1.33	34.45	27.72	36.7	0.039	1443.3
60.0	-1.30	-1.31	34.49	27.75	33.6	0.041	1443.5
65.0	-1.30	-1.30	34.47	27.74	34.6	0.042	1443.6
70.0	-1.14	-1.14	34.52	27.77	31.6	0.044	1444.5
75.0	-0.57	-0.57	34.54	27.76	32.4	0.046	1447.3
80.0	-0.12	-0.12	34.64	27.82	26.6	0.047	1449.6
85.0	0.44	0.44	34.71	27.85	24.8	0.048	1452.3
90.0	0.78	0.78	34.70	27.82	27.5	0.050	1453.9
95.0	0.99	0.98	34.79	27.88	21.9	0.051	1455.0
100.0	1.19	1.19	34.74	27.83	26.8	0.052	1456.0
110.0	1.57	1.56	34.79	27.83	26.3	0.055	1457.9
120.0	1.78	1.78	34.80	27.83	26.7	0.058	1459.0
130.0	1.92	1.92	34.84	27.85	25.2	0.060	1459.9
140.0	1.94	1.93	34.84	27.85	25.2	0.063	1460.1
150.0	1.96	1.95	34.85	27.86	24.2	0.065	1460.4
160.0	2.11	2.10	34.88	27.87	23.5	0.068	1461.2
170.0	2.23	2.22	34.89	27.87	23.5	0.070	1461.9
180.0	2.28	2.27	34.92	27.89	22.0	0.072	1462.4
190.0	2.34	2.32	34.93	27.89	21.6	0.075	1462.8
200.0	2.30	2.29	34.93	27.89	21.4	0.077	1462.8
210.0	2.28	2.27	34.94	27.90	20.8	0.079	1462.9
220.0	2.26	2.25	34.93	27.89	21.3	0.081	1463.0
230.0	2.16	2.14	34.92	27.90	21.2	0.083	1462.7
240.0	2.12	2.11	34.93	27.91	20.0	0.085	1462.7
250.0	2.10	2.09	34.93	27.91	19.9	0.087	1462.8
260.0	2.02	2.00	34.95	27.93	18.2	0.089	1462.6
270.0	1.99	1.98	34.93	27.92	19.2	0.091	1462.6
280.0	1.95	1.94	34.93	27.92	19.1	0.093	1462.6
290.0	1.98	1.96	34.94	27.93	18.3	0.095	1462.9
300.0	1.89	1.87	34.93	27.93	18.5	0.097	1462.6
304.7	1.81	1.79	34.94	27.94	17.3	0.098	1462.4

DEPTH TEMP SALIN



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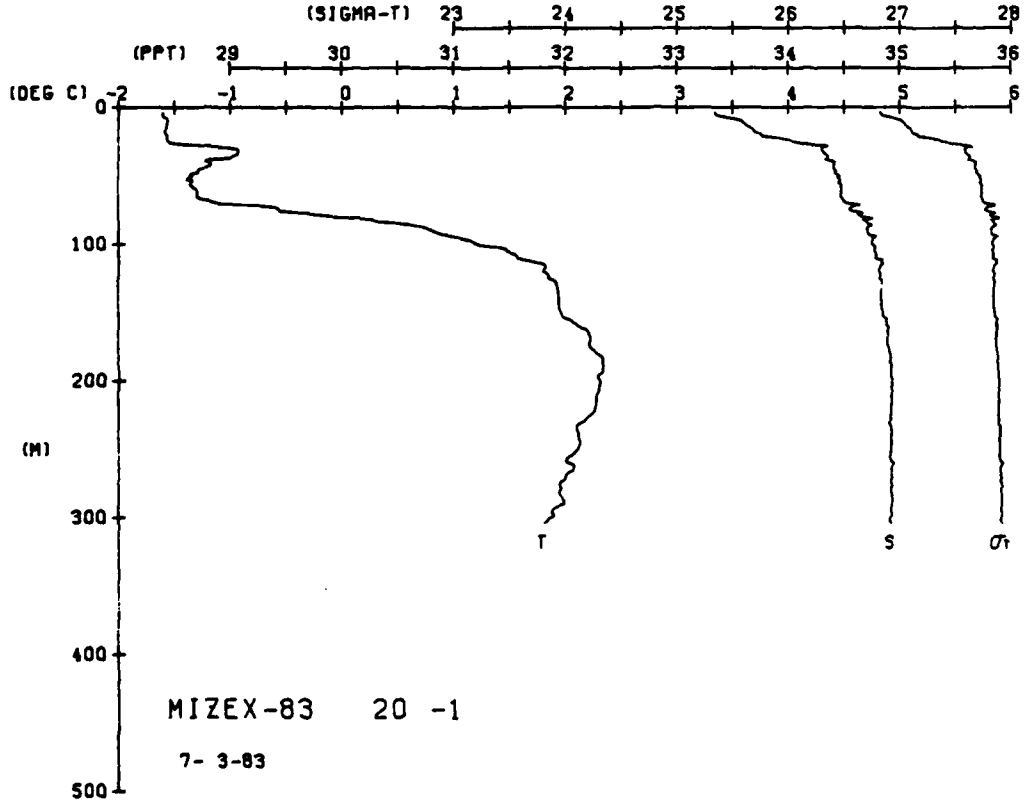

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MIZEX-83 STATION 21(1) CTD 3/JUL/1983 320 GMT CODE = 1
LAT = 81 0800N LNG = -7 8900W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

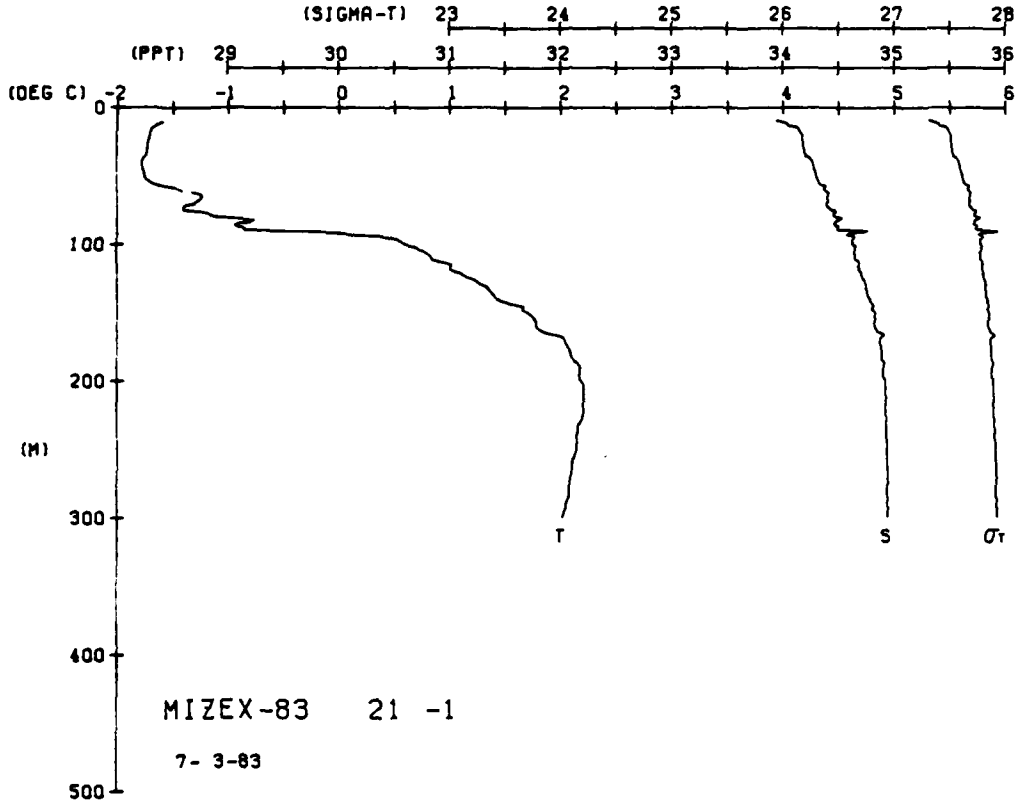
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.59	-1.59	33.94	27.31	75.1	0.000	1440.4
5.0	-1.59	-1.59	33.94	27.31	75.1	0.004	1440.5
9.4	-1.59	-1.59	33.94	27.31	75.1	0.007	1440.6
10.0	-1.59	-1.59	33.94	27.32	74.6	0.008	1440.6
15.0	-1.69	-1.69	34.12	27.46	60.7	0.011	1440.5
20.0	-1.71	-1.71	34.17	27.50	57.2	0.014	1440.5
25.0	-1.73	-1.73	34.18	27.51	56.5	0.017	1440.5
30.0	-1.73	-1.73	34.19	27.52	55.9	0.020	1440.6
35.0	-1.74	-1.74	34.20	27.53	54.2	0.022	1440.7
40.0	-1.78	-1.78	34.27	27.58	49.3	0.025	1440.7
45.0	-1.77	-1.77	34.28	27.60	48.1	0.028	1440.8
50.0	-1.75	-1.75	34.31	27.62	46.1	0.030	1441.0
55.0	-1.70	-1.70	34.32	27.63	45.1	0.032	1441.4
60.0	-1.44	-1.44	34.37	27.66	42.2	0.034	1442.7
65.0	-1.23	-1.23	34.41	27.68	39.8	0.037	1443.8
70.0	-1.30	-1.30	34.40	27.68	40.3	0.039	1443.6
75.0	-1.41	-1.41	34.42	27.70	38.0	0.041	1443.2
80.0	-1.13	-1.13	34.46	27.72	35.8	0.042	1444.7
85.0	-0.90	-0.90	34.46	27.71	36.8	0.044	1445.8
90.0	-0.86	-0.86	34.49	27.73	35.0	0.046	1446.1
95.0	0.36	0.36	34.65	27.80	28.9	0.048	1452.0
100.0	0.57	0.57	34.63	27.78	31.4	0.049	1453.0
110.0	0.84	0.83	34.65	27.78	31.3	0.052	1454.4
120.0	1.02	1.02	34.69	27.79	30.0	0.055	1455.5
130.0	1.28	1.27	34.75	27.82	27.2	0.058	1456.9
140.0	1.42	1.42	34.78	27.84	25.8	0.061	1457.7
150.0	1.68	1.68	34.82	27.85	24.7	0.064	1459.1
160.0	1.78	1.77	34.83	27.85	25.1	0.066	1459.7
170.0	2.04	2.03	34.87	27.87	23.5	0.069	1461.1
180.0	2.09	2.08	34.88	27.87	23.2	0.071	1461.5
190.0	2.18	2.17	34.91	27.88	22.1	0.073	1462.1
200.0	2.18	2.17	34.92	27.89	21.4	0.075	1462.2
210.0	2.21	2.20	34.92	27.89	21.4	0.078	1462.6
220.0	2.21	2.20	34.93	27.90	21.2	0.080	1462.7
230.0	2.19	2.17	34.93	27.90	20.6	0.082	1462.8
240.0	2.15	2.13	34.93	27.91	20.2	0.084	1462.8
250.0	2.14	2.12	34.93	27.91	20.3	0.086	1462.9
260.0	2.10	2.09	34.94	27.91	19.8	0.088	1462.9
270.0	2.09	2.07	34.94	27.92	19.5	0.090	1463.0
280.0	2.08	2.07	34.94	27.92	19.5	0.092	1463.2
290.0	2.05	2.03	34.94	27.92	19.3	0.094	1463.2

DEPTH TEMP SALIN

MIZEX-83 STATION 22(1) CTD 3/JUL/1983 622 GMT CODE = 1
LAT = 81 4400N LNG = -9 0000W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.70	-1.70	34.12	27.46	61.2	0.000	1440.2
1.9	-1.70	-1.70	34.12	27.46	61.1	0.001	1440.2
5.0	-1.70	-1.70	34.05	27.41	66.1	0.003	1440.1
10.0	-1.71	-1.71	34.05	27.41	66.2	0.007	1440.2
15.0	-1.71	-1.71	34.07	27.42	64.8	0.010	1440.3
20.0	-1.72	-1.72	34.12	27.47	60.4	0.013	1440.4
25.0	-1.72	-1.72	34.11	27.45	61.8	0.016	1440.5
30.0	-1.73	-1.73	34.14	27.48	59.2	0.019	1440.5
35.0	-1.74	-1.75	34.13	27.47	60.1	0.022	1440.5
40.0	-1.75	-1.75	34.12	27.47	60.2	0.025	1440.6
45.0	-1.76	-1.76	34.13	27.47	60.1	0.028	1440.7
50.0	-1.76	-1.76	34.14	27.48	58.7	0.031	1440.7
55.0	-1.76	-1.76	34.16	27.49	57.6	0.034	1440.8
60.0	-1.56	-1.56	34.23	27.55	52.4	0.037	1442.0
65.0	-1.25	-1.25	34.31	27.61	47.0	0.039	1443.6
70.0	-0.63	-0.63	34.42	27.67	41.1	0.042	1446.8
75.0	-0.29	-0.29	34.44	27.67	41.5	0.044	1448.4
80.0	-0.11	-0.12	34.47	27.69	39.7	0.046	1449.4
85.0	0.22	0.22	34.50	27.69	39.2	0.048	1451.0
90.0	0.46	0.46	34.55	27.71	37.1	0.050	1452.3
95.0	0.63	0.62	34.56	27.72	37.1	0.052	1453.1
100.0	0.65	0.65	34.56	27.71	37.4	0.054	1453.3
110.0	0.94	0.94	34.62	27.74	34.9	0.057	1454.8
120.0	1.32	1.31	34.71	27.79	30.4	0.060	1456.8
130.0	1.53	1.52	34.74	27.80	29.7	0.063	1458.0
140.0	1.70	1.69	34.77	27.81	28.6	0.066	1458.9
150.0	1.81	1.80	34.80	27.82	27.4	0.069	1459.6
160.0	1.93	1.92	34.82	27.84	26.4	0.072	1460.4
170.0	2.05	2.04	34.85	27.85	25.2	0.075	1461.1
180.0	2.12	2.11	34.87	27.86	24.1	0.077	1461.6
190.0	2.16	2.15	34.89	27.87	23.1	0.079	1462.0
200.0	2.21	2.20	34.90	27.88	22.9	0.082	1462.3
210.0	2.25	2.24	34.91	27.88	22.9	0.084	1462.7
220.0	2.25	2.23	34.93	27.89	21.5	0.086	1462.9
230.0	2.26	2.24	34.93	27.89	21.6	0.089	1463.1
240.0	2.26	2.25	34.93	27.89	21.4	0.091	1463.3
250.0	2.28	2.27	34.94	27.90	21.2	0.093	1463.6
260.0	2.28	2.26	34.94	27.90	20.8	0.095	1463.7
270.0	2.26	2.25	34.94	27.90	20.8	0.097	1463.8
280.0	2.24	2.22	34.95	27.92	19.6	0.099	1463.9
290.0	2.21	2.19	34.95	27.91	19.8	0.101	1463.9
300.0	2.18	2.17	34.95	27.92	19.3	0.103	1464.0

DEPTH TEMP SALIN



MIZEX-83 21 -1

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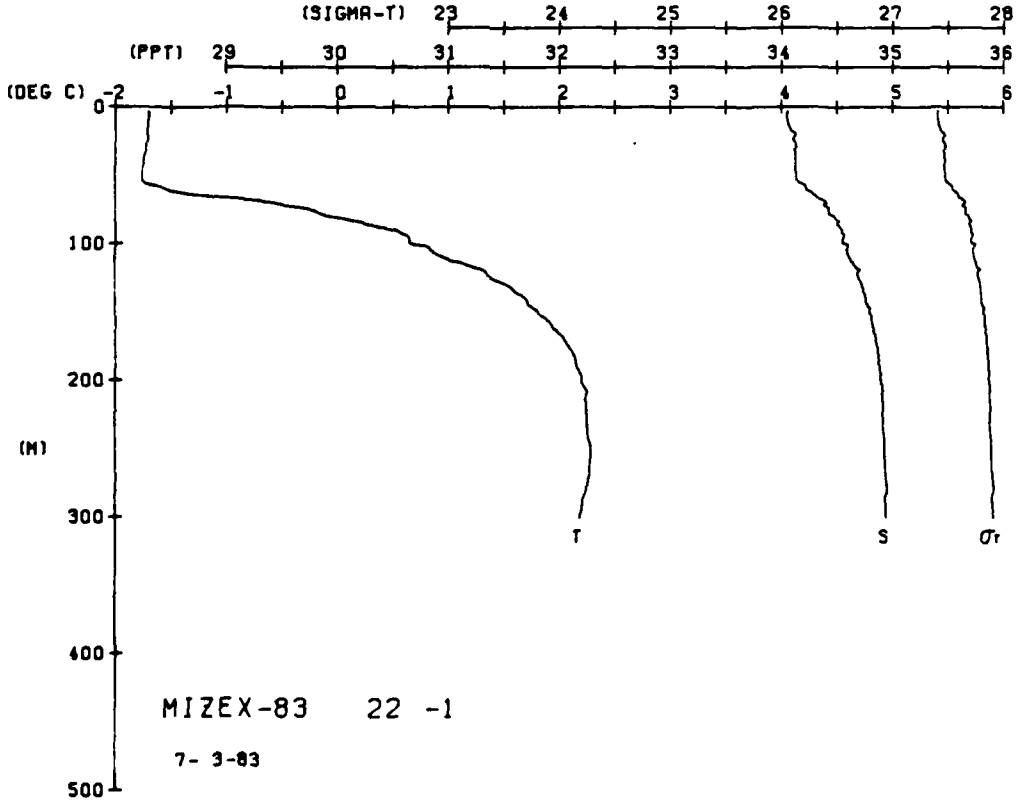

MIZEX-83 22 -1

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MIZEX-83 STATION 23(1) CTD 3/JUL/1983 709 GMT CODE = 1
LAT = 81.2100N LNG = -8.9200W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

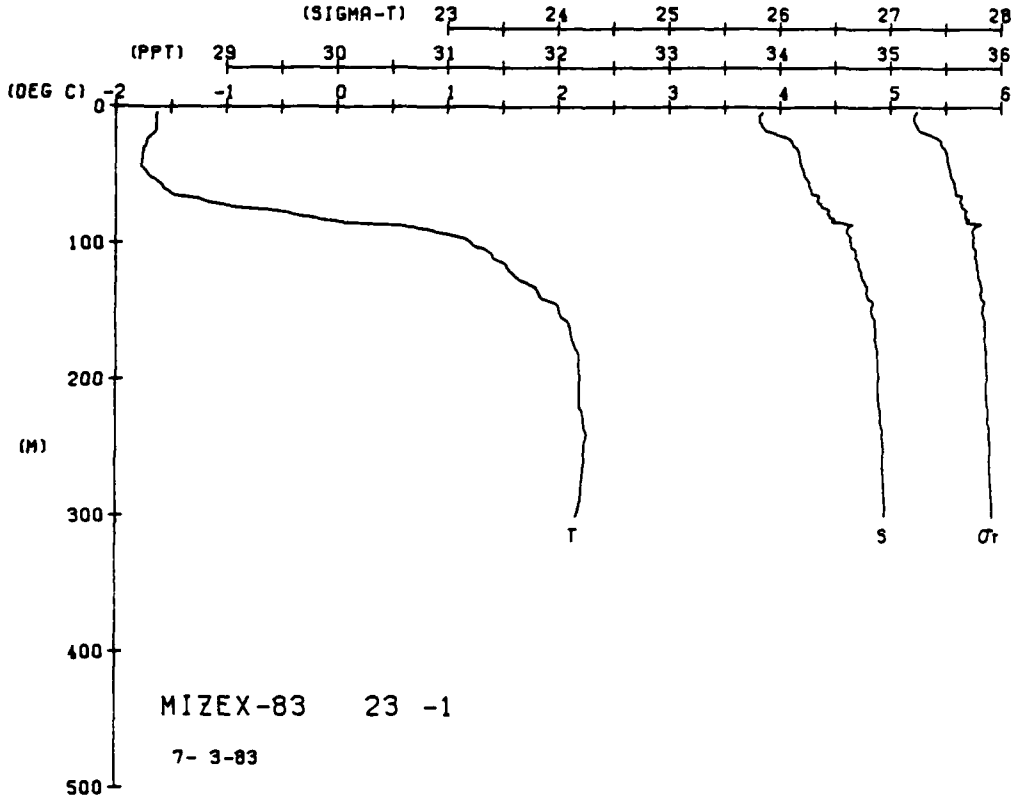
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.56	-1.56	33.79	27.19	86.9	0.000	1440.4
1.9	-1.56	-1.56	33.79	27.19	86.9	0.002	1440.4
5.0	-1.63	-1.63	33.82	27.22	84.1	0.004	1440.1
10.0	-1.63	-1.63	33.82	27.22	84.3	0.009	1440.2
15.0	-1.64	-1.64	33.86	27.25	81.2	0.013	1440.3
20.0	-1.67	-1.67	33.97	27.34	72.4	0.017	1440.4
25.0	-1.73	-1.73	34.11	27.46	61.2	0.020	1440.4
30.0	-1.75	-1.75	34.15	27.49	58.2	0.023	1440.4
35.0	-1.76	-1.77	34.18	27.51	56.1	0.026	1440.5
40.0	-1.77	-1.77	34.18	27.52	55.6	0.029	1440.6
45.0	-1.77	-1.77	34.20	27.53	54.0	0.032	1440.7
50.0	-1.71	-1.71	34.23	27.55	52.5	0.034	1441.1
55.0	-1.63	-1.63	34.26	27.58	49.9	0.037	1441.6
60.0	-1.57	-1.57	34.27	27.58	49.1	0.039	1442.0
65.0	-1.48	-1.48	34.32	27.62	45.8	0.042	1442.6
70.0	-1.17	-1.18	34.35	27.63	44.8	0.044	1444.1
75.0	-0.78	-0.78	34.43	27.68	39.8	0.046	1446.2
80.0	-0.34	-0.34	34.46	27.68	39.8	0.048	1448.3
85.0	0.02	0.02	34.48	27.68	40.1	0.050	1450.1
90.0	0.80	0.79	34.61	27.74	34.5	0.052	1453.9
95.0	1.07	1.06	34.64	27.75	33.8	0.054	1455.2
100.0	1.21	1.20	34.65	27.75	33.7	0.056	1455.9
110.0	1.41	1.40	34.69	27.77	32.3	0.059	1457.0
120.0	1.55	1.54	34.73	27.79	30.6	0.062	1457.9
130.0	1.73	1.72	34.77	27.81	28.6	0.065	1458.9
140.0	1.84	1.83	34.80	27.83	27.1	0.068	1459.6
150.0	2.01	2.00	34.84	27.84	26.0	0.071	1460.6
160.0	2.10	2.09	34.86	27.85	24.8	0.073	1461.2
170.0	2.13	2.12	34.87	27.86	24.3	0.076	1461.4
180.0	2.18	2.16	34.89	27.87	23.4	0.078	1461.9
190.0	2.18	2.17	34.89	27.87	23.7	0.080	1462.1
200.0	2.20	2.19	34.89	27.87	23.4	0.083	1462.3
210.0	2.19	2.18	34.90	27.87	23.1	0.085	1462.5
220.0	2.20	2.18	34.90	27.88	22.8	0.087	1462.6
230.0	2.23	2.22	34.91	27.88	22.5	0.090	1463.0
240.0	2.26	2.24	34.93	27.89	21.7	0.092	1463.3
250.0	2.23	2.21	34.94	27.90	20.8	0.094	1463.3
260.0	2.23	2.22	34.94	27.90	20.8	0.096	1463.5
270.0	2.22	2.21	34.94	27.90	20.6	0.098	1463.6
280.0	2.21	2.19	34.95	27.91	20.0	0.100	1463.7
290.0	2.19	2.18	34.95	27.92	19.7	0.102	1463.8
300.0	2.15	2.14	34.95	27.92	19.4	0.104	1463.8

DEPTH TEMP SALIN

MIZEX-83 STATION 24(1) CTD 3/JUL/1983 749 GMT CODE = 1
LAT = 81.1000N LNG = -8.9200W LTER = 150 LGER = 150
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.66	-1.66	33.93	27.30	75.9	0.000	1440.1
1.9	-1.66	-1.66	33.93	27.30	75.9	0.002	1440.1
5.0	-1.66	-1.66	33.92	27.30	76.1	0.004	1440.1
10.0	-1.67	-1.67	33.98	27.35	71.4	0.008	1440.3
15.0	-1.69	-1.69	34.10	27.45	62.2	0.011	1440.4
20.0	-1.72	-1.72	34.16	27.49	57.8	0.014	1440.5
25.0	-1.76	-1.76	34.20	27.53	54.1	0.017	1440.4
30.0	-1.77	-1.77	34.22	27.55	52.8	0.019	1440.5
35.0	-1.78	-1.78	34.24	27.56	51.5	0.022	1440.5
40.0	-1.76	-1.76	34.25	27.57	50.3	0.025	1440.7
45.0	-1.74	-1.74	34.27	27.59	49.0	0.027	1440.9
50.0	-1.68	-1.68	34.31	27.62	46.0	0.030	1441.4
55.0	-1.52	-1.53	34.37	27.66	41.6	0.032	1442.3
60.0	-1.34	-1.35	34.40	27.68	40.0	0.034	1443.2
65.0	-1.24	-1.24	34.45	27.72	36.5	0.036	1443.9
70.0	-0.71	-0.71	34.49	27.73	35.4	0.038	1446.5
75.0	-0.52	-0.52	34.50	27.73	35.9	0.039	1447.4
80.0	-0.18	-0.18	34.50	27.71	37.2	0.041	1449.1
85.0	0.19	0.18	34.56	27.74	34.3	0.043	1451.0
90.0	0.47	0.47	34.60	27.76	32.8	0.045	1452.4
95.0	0.75	0.75	34.63	27.76	32.5	0.046	1453.8
100.0	0.78	0.78	34.64	27.77	31.9	0.048	1454.0
110.0	0.95	0.94	34.67	27.78	30.9	0.051	1455.0
120.0	1.02	1.01	34.69	27.80	29.7	0.054	1455.5
130.0	1.15	1.15	34.72	27.81	28.2	0.057	1456.3
140.0	1.36	1.35	34.77	27.84	26.0	0.060	1457.4
150.0	1.62	1.61	34.80	27.84	25.4	0.063	1458.8
160.0	1.59	1.58	34.79	27.84	26.2	0.065	1458.8
170.0	1.67	1.66	34.82	27.85	24.7	0.068	1459.4
180.0	1.67	1.66	34.84	27.87	23.4	0.070	1459.6
190.0	1.71	1.70	34.84	27.87	23.6	0.073	1459.9
200.0	1.90	1.89	34.88	27.88	22.1	0.075	1461.0
210.0	1.77	1.76	34.86	27.88	22.6	0.077	1460.6
220.0	1.72	1.71	34.86	27.88	22.2	0.079	1460.5
230.0	1.75	1.73	34.87	27.89	21.9	0.082	1460.8
240.0	1.79	1.78	34.88	27.89	21.5	0.084	1461.2
250.0	1.82	1.80	34.88	27.89	21.3	0.086	1461.4
260.0	1.90	1.89	34.90	27.90	21.0	0.088	1462.0
270.0	1.90	1.89	34.92	27.91	19.7	0.090	1462.2
280.0	1.87	1.85	34.91	27.91	20.2	0.092	1462.2
290.0	1.85	1.83	34.91	27.91	19.9	0.094	1462.3
300.0	1.83	1.82	34.92	27.92	18.9	0.096	1462.4

DEPTH TEMP SALIN



MIZEX-83 23 -1

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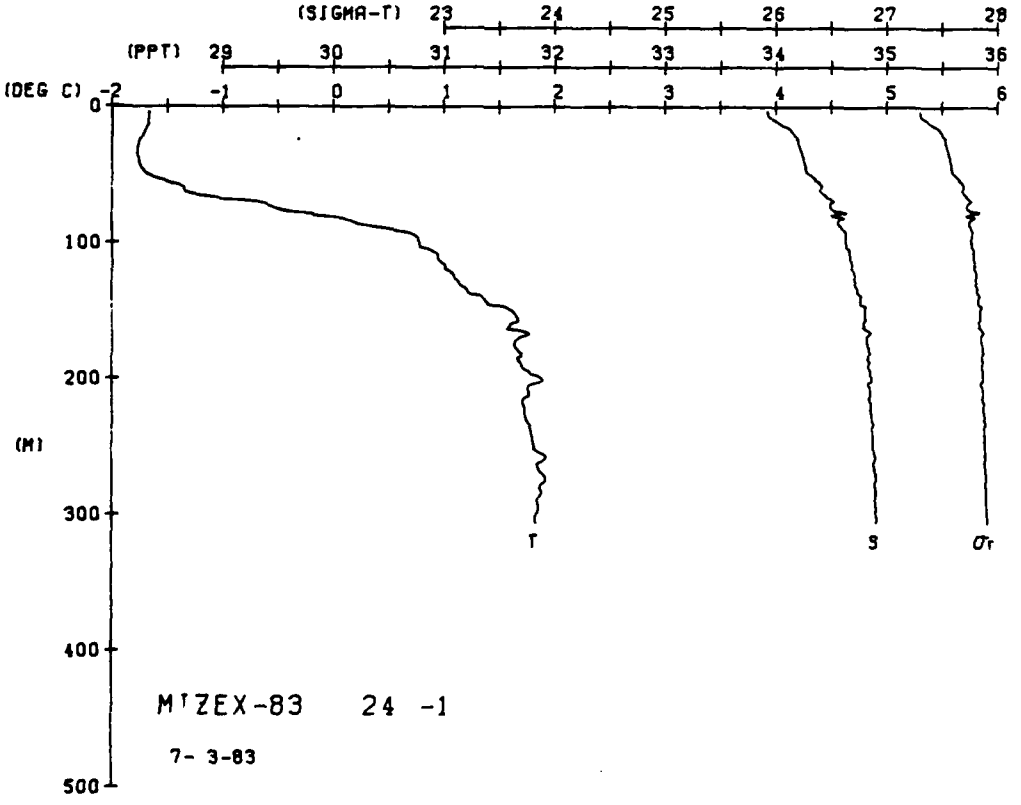

MIZEX-83 24 -1

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MIZEX-83 STATION 25(1) CTD 5/JUL/1983 1253 GMT CODE = 1
LAT = 81.3600N LNG = -6.6200W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

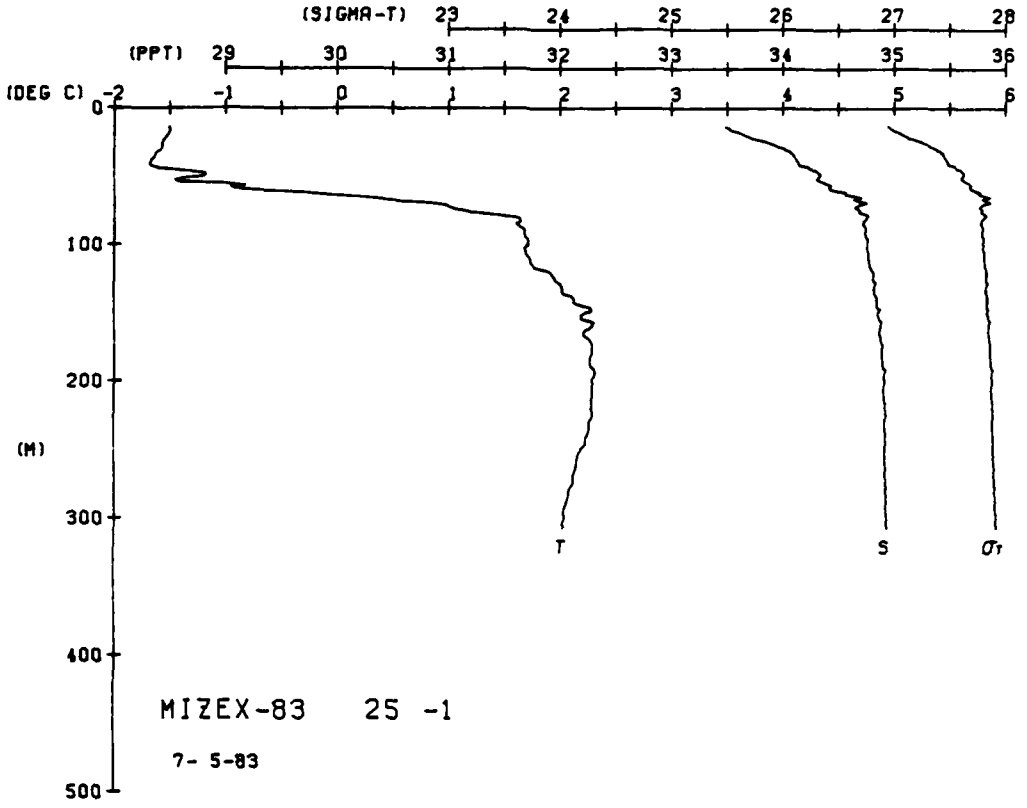
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.50	-1.50	33.49	26.95	110.0	*****	1440.2
5.0	-1.50	-1.50	33.49	26.95	109.9	*****	1440.3
0.0	-1.50	-1.50	33.49	26.95	110.0	*****	1440.2
10.0							
13.9	-1.50	-1.50	33.49	26.95	109.9	*****	1440.5
15.0	-1.50	-1.50	33.51	26.97	108.0	*****	1440.5
20.0	-1.52	-1.52	33.66	27.08	96.8	*****	1440.7
25.0	-1.57	-1.57	33.84	27.23	82.6	*****	1440.8
30.0	-1.58	-1.58	34.02	27.38	68.8	*****	1441.1
35.0	-1.64	-1.64	34.10	27.45	62.1	*****	1441.0
40.0	-1.68	-1.68	34.15	27.48	58.7	*****	1441.0
45.0	-1.57	-1.57	34.29	27.59	48.2	*****	1441.8
50.0	-1.19	-1.19	34.32	27.61	47.0	*****	1443.7
55.0	-1.26	-1.26	34.41	27.68	39.9	*****	1443.5
60.0	-0.80	-0.80	34.45	27.70	38.5	*****	1445.8
65.0	0.18	0.17	34.71	27.86	23.1	*****	1450.8
70.0	0.93	0.93	34.69	27.80	29.3	*****	1454.2
75.0	1.13	1.12	34.70	27.79	29.9	*****	1455.2
80.0	1.59	1.58	34.75	27.80	29.1	*****	1457.4
85.0	1.60	1.59	34.71	27.77	31.9	*****	1457.5
90.0	1.68	1.68	34.74	27.79	30.6	*****	1458.0
95.0	1.68	1.68	34.75	27.80	29.7	*****	1458.1
100.0	1.71	1.71	34.76	27.80	29.5	*****	1458.3
110.0	1.72	1.72	34.77	27.81	28.7	*****	1458.6
120.0	1.90	1.89	34.82	27.83	26.4	*****	1459.6
130.0	2.02	2.01	34.82	27.83	26.8	*****	1460.2
140.0	2.12	2.12	34.84	27.84	26.4	*****	1460.9
150.0	2.23	2.22	34.85	27.83	26.7	*****	1461.5
160.0	2.28	2.27	34.88	27.85	25.0	*****	1462.0
170.0	2.27	2.26	34.88	27.85	25.0	*****	1462.1
180.0	2.28	2.27	34.89	27.86	24.5	*****	1462.3
190.0	2.28	2.27	34.90	27.87	23.3	*****	1462.5
200.0	2.28	2.27	34.91	27.87	23.2	*****	1462.7
210.0	2.29	2.28	34.91	27.87	23.2	*****	1462.9
220.0	2.28	2.26	34.91	27.88	22.7	*****	1463.0
230.0	2.26	2.25	34.92	27.88	22.3	*****	1463.1
240.0	2.24	2.22	34.92	27.89	21.9	*****	1463.2
250.0	2.18	2.17	34.92	27.89	21.9	*****	1463.1
260.0	2.15	2.13	34.92	27.89	21.6	*****	1463.1
270.0	2.11	2.10	34.92	27.90	21.4	*****	1463.1
280.0	2.07	2.06	34.92	27.90	21.0	*****	1463.1
290.0	2.05	2.03	34.92	27.91	20.5	*****	1463.2
300.0	2.04	2.02	34.93	27.91	20.2	*****	1463.3
307.9	2.03	2.02	34.94	27.92	19.1	*****	1463.4

DEPTH TEMP. SALIN

MIZEX-83 STATION 26(1) CTD 5/JUL/1983 1336 GMT CODE = 1
LAT = 81.3200N LNG = -6.7900W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	33.48	26.94	110.8	0.000	1439.9
1.9	-1.57	-1.57	33.48	26.94	110.8	0.002	1439.9
5.0	-1.58	-1.58	33.56	27.01	104.2	0.006	1440.0
10.0	-1.59	-1.59	33.56	27.00	104.4	0.011	1440.1
15.0	-1.57	-1.57	33.78	27.18	87.2	0.016	1440.6
20.0	-1.62	-1.62	34.00	27.36	70.2	0.020	1440.7
25.0	-1.67	-1.67	34.15	27.48	58.9	0.023	1440.8
30.0	-1.69	-1.69	34.15	27.49	58.3	0.026	1440.8
35.0	-1.71	-1.71	34.18	27.51	56.1	0.029	1440.8
40.0	-1.39	-1.39	34.29	27.59	48.9	0.031	1442.5
45.0	-0.62	-0.62	34.50	27.73	35.0	0.033	1446.5
50.0	-0.30	-0.30	34.47	27.69	39.1	0.035	1448.0
55.0	0.07	0.07	34.47	27.67	41.1	0.037	1449.8
60.0	-0.48	-0.48	34.42	27.66	42.0	0.039	1447.3
65.0	-0.10	-0.10	34.64	27.82	27.3	0.041	1449.4
70.0	0.56	0.56	34.63	27.77	31.6	0.043	1452.5
75.0	0.79	0.79	34.66	27.79	30.5	0.044	1453.7
80.0	1.20	1.20	34.71	27.80	29.1	0.046	1455.7
85.0	1.45	1.45	34.75	27.81	27.9	0.047	1456.9
90.0	1.61	1.60	34.76	27.81	28.6	0.049	1457.7
95.0	1.72	1.71	34.81	27.85	25.1	0.050	1458.3
100.0	1.92	1.92	34.84	27.85	24.9	0.051	1459.4
110.0	2.16	2.15	34.89	27.84	25.8	0.054	1460.6
120.0	2.27	2.26	34.88	27.85	24.9	0.056	1461.3
130.0	2.14	2.13	34.87	27.86	24.3	0.059	1460.9
140.0	2.24	2.23	34.90	27.87	22.8	0.061	1461.5
150.0	2.34	2.33	34.92	27.88	22.6	0.064	1462.1
160.0	2.28	2.27	34.90	27.87	23.5	0.066	1462.0
170.0	2.46	2.45	34.94	27.88	22.2	0.068	1463.0
180.0	2.46	2.45	34.95	27.89	21.2	0.070	1463.2
190.0	2.39	2.38	34.93	27.89	22.0	0.073	1463.0
200.0	2.32	2.31	34.93	27.89	21.4	0.075	1462.9
210.0	2.21	2.20	34.93	27.90	21.0	0.077	1462.6
220.0	2.20	2.19	34.94	27.91	20.1	0.079	1462.7
230.0	2.20	2.19	34.94	27.90	20.4	0.081	1462.9
240.0	2.15	2.14	34.94	27.91	19.8	0.083	1462.8
250.0	2.14	2.13	34.95	27.92	19.1	0.085	1463.0
260.0	2.10	2.08	34.94	27.91	19.6	0.087	1462.9
270.0	2.09	2.08	34.95	27.92	19.0	0.089	1463.1
280.0	2.09	2.07	34.94	27.92	19.2	0.091	1463.2
290.0	2.05	2.03	34.94	27.92	18.9	0.093	1463.2
300.0	2.04	2.02	34.95	27.93	18.4	0.095	1463.3
303.2	2.04	2.02	34.95	27.93	18.6	0.095	1463.4

DEPTH TEMP. SALIN



MIZEX-83 25 -1

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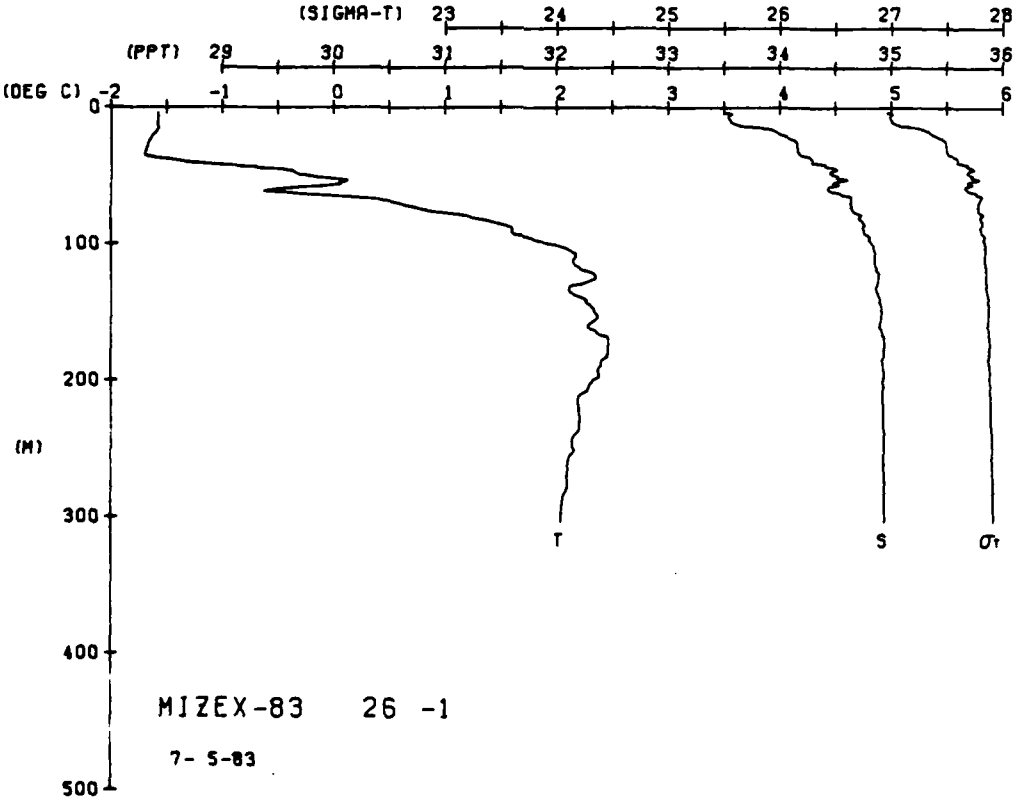

MIZEX-83 26 -1

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MIZEX-83 STATION 27(1) CTD 5/JUL/1983 1351 GMT CODE = 1
LAT = 81.2877N LNG = -6.9795W LTER = 30. LGER = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

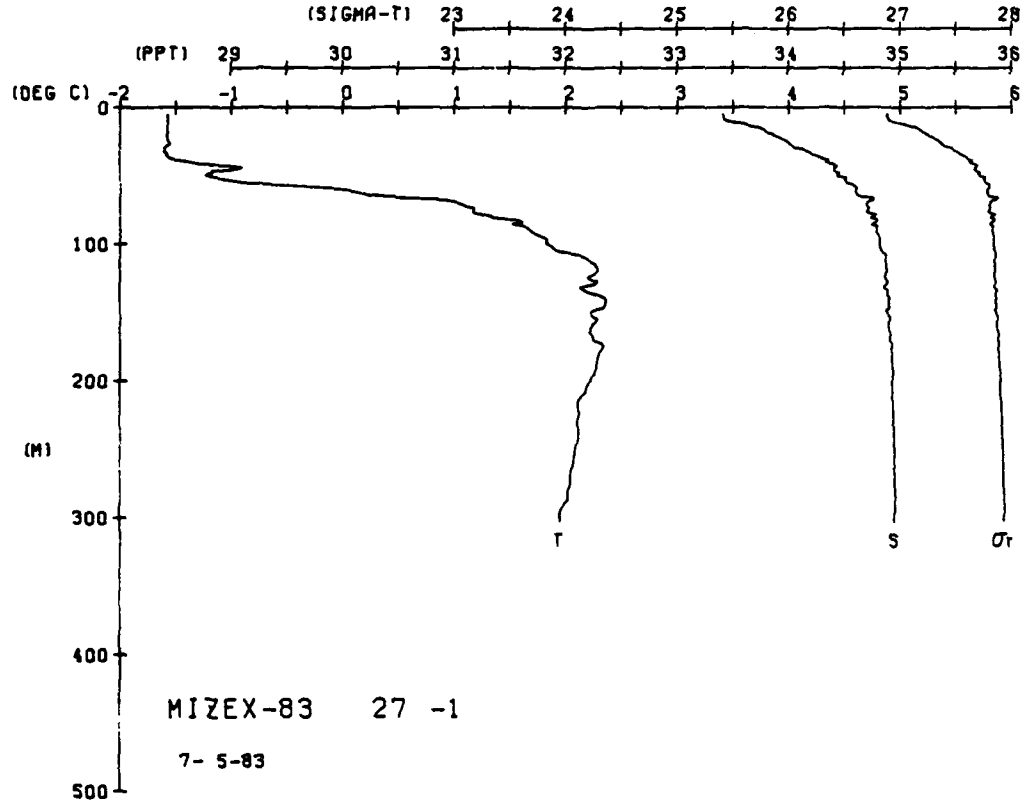
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	33.41	26.88	116.2	0.000	1439.8
4.7	-1.57	-1.57	33.41	26.88	116.1	0.006	1439.9
5.0	-1.57	-1.57	33.41	26.88	116.0	0.006	1439.9
10.0	-1.57	-1.57	33.44	26.90	113.8	0.012	1440.0
15.0	-1.58	-1.58	33.73	27.14	91.2	0.017	1440.4
20.0	-1.58	-1.58	33.86	27.25	81.1	0.021	1440.7
25.0	-1.57	-1.57	33.98	27.35	71.6	0.025	1441.0
30.0	-1.61	-1.61	34.10	27.45	62.4	0.029	1441.1
35.0	-1.55	-1.55	34.25	27.57	51.0	0.031	1441.6
40.0	-1.40	-1.41	34.36	27.65	43.2	0.034	1442.6
45.0	-0.92	-0.92	34.41	27.67	41.2	0.036	1445.0
50.0	-1.23	-1.23	34.44	27.71	37.5	0.038	1443.6
55.0	-0.92	-0.92	34.51	27.75	33.2	0.040	1445.3
60.0	-0.03	-0.03	34.62	27.80	28.8	0.041	1449.6
65.0	0.31	0.31	34.64	27.80	28.8	0.043	1451.3
70.0	1.03	1.03	34.70	27.80	29.1	0.044	1454.7
75.0	1.18	1.18	34.71	27.80	28.9	0.046	1455.5
80.0	1.34	1.34	34.75	27.82	27.3	0.047	1456.3
85.0	1.61	1.61	34.76	27.81	28.2	0.048	1457.6
90.0	1.68	1.67	34.79	27.83	26.7	0.050	1458.0
95.0	1.78	1.78	34.81	27.84	25.6	0.051	1458.6
100.0	1.83	1.82	34.81	27.84	26.0	0.052	1458.9
110.0	2.17	2.17	34.87	27.86	24.3	0.055	1460.7
120.0	2.29	2.28	34.88	27.85	25.1	0.057	1461.3
130.0	2.22	2.21	34.86	27.84	25.5	0.060	1461.2
140.0	2.36	2.35	34.91	27.87	22.9	0.062	1462.0
150.0	2.22	2.21	34.89	27.87	23.5	0.065	1461.6
160.0	2.23	2.22	34.90	27.87	23.3	0.067	1461.8
170.0	2.29	2.24	34.91	27.88	22.5	0.069	1462.1
180.0	2.30	2.29	34.93	27.89	21.1	0.072	1462.5
190.0	2.27	2.26	34.93	27.90	20.9	0.074	1462.5
200.0	2.22	2.21	34.94	27.90	20.3	0.076	1462.4
210.0	2.16	2.15	34.94	27.91	20.0	0.078	1462.4
220.0	2.11	2.10	34.94	27.92	19.2	0.080	1462.3
230.0	2.10	2.09	34.94	27.92	19.1	0.082	1462.4
240.0	2.11	2.10	34.94	27.92	19.3	0.084	1462.6
250.0	2.08	2.07	34.95	27.93	18.5	0.086	1462.7
260.0	2.07	2.05	34.95	27.93	18.2	0.088	1462.8
270.0	2.04	2.02	34.96	27.93	17.8	0.089	1462.8
280.0	2.02	2.00	34.96	27.94	17.4	0.091	1462.9
290.0	1.98	1.97	34.96	27.94	17.4	0.093	1462.9
300.0	1.95	1.93	34.95	27.94	17.3	0.095	1462.9

DEPTH TEMP. SALIN

MIZEX-83 STATION 28(1) CTD 5/JUL/1983 1440 GMT CODE = 1
LAT = 81.2500N LNG = -6.8300W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	33.16	26.68	135.5	0.000	1439.4
1.9	-1.57	-1.57	33.16	26.68	135.5	0.003	1439.5
5.0	-1.56	-1.56	33.14	26.66	136.6	0.007	1439.5
10.0	-1.54	-1.54	33.19	26.70	133.1	0.014	1439.7
15.0	-1.48	-1.49	33.60	27.04	101.2	0.020	1440.7
20.0	-1.51	-1.51	33.82	27.21	84.6	0.024	1441.0
25.0	-1.47	-1.47	34.15	27.48	59.0	0.028	1441.7
30.0	-1.34	-1.34	34.22	27.53	54.4	0.031	1442.5
35.0	-1.58	-1.58	34.30	27.60	47.3	0.033	1441.6
40.0	-1.41	-1.41	34.34	27.63	44.8	0.036	1442.5
45.0	-1.44	-1.44	34.38	27.67	41.4	0.038	1442.5
50.0	-1.05	-1.05	34.46	27.71	37.0	0.040	1444.5
55.0	-0.97	-0.97	34.50	27.75	33.5	0.042	1445.1
60.0	-0.40	-0.40	34.56	27.77	32.0	0.043	1447.9
65.0	0.13	0.13	34.59	27.77	32.0	0.045	1450.4
70.0	0.24	0.24	34.62	27.78	30.7	0.047	1451.0
75.0	0.74	0.73	34.67	27.80	29.6	0.048	1453.4
80.0	1.38	1.38	34.73	27.80	29.3	0.050	1456.5
85.0	1.44	1.44	34.74	27.80	29.0	0.051	1456.8
90.0	1.53	1.53	34.75	27.80	28.9	0.052	1457.3
95.0	1.68	1.68	34.77	27.81	28.4	0.054	1458.1
100.0	1.73	1.73	34.77	27.81	28.6	0.055	1458.4
110.0	1.87	1.86	34.80	27.82	27.4	0.058	1459.2
120.0	1.97	1.97	34.83	27.84	25.8	0.061	1459.9
130.0	2.05	2.04	34.85	27.85	25.1	0.063	1460.4
140.0	2.08	2.08	34.86	27.85	24.6	0.066	1460.8
150.0	2.16	2.15	34.88	27.86	23.9	0.068	1461.3
160.0	2.17	2.16	34.89	27.87	23.4	0.071	1461.5
170.0	2.23	2.22	34.91	27.88	22.2	0.073	1461.9
180.0	2.23	2.22	34.92	27.89	21.6	0.075	1462.1
190.0	2.22	2.21	34.93	27.90	20.9	0.077	1462.3
200.0	2.20	2.19	34.93	27.90	20.8	0.080	1462.3
210.0	2.20	2.19	34.94	27.91	20.0	0.082	1462.6
220.0	2.17	2.15	34.94	27.91	19.9	0.084	1462.5
230.0	2.11	2.09	34.94	27.92	19.1	0.086	1462.5
240.0	2.10	2.09	34.94	27.92	19.2	0.088	1462.6
250.0	2.09	2.07	34.95	27.92	18.5	0.089	1462.7
260.0	2.07	2.05	34.95	27.92	18.6	0.091	1462.8
270.0	2.07	2.05	34.95	27.93	18.1	0.093	1463.0
280.0	2.05	2.03	34.96	27.93	17.8	0.095	1463.0
290.0	2.03	2.01	34.96	27.93	17.7	0.097	1463.1
300.0	1.96	1.95	34.96	27.94	16.8	0.099	1463.0
306.4	1.97	1.95	34.96	27.94	16.8	0.100	1463.1

DEPTH TEMP. SALIN



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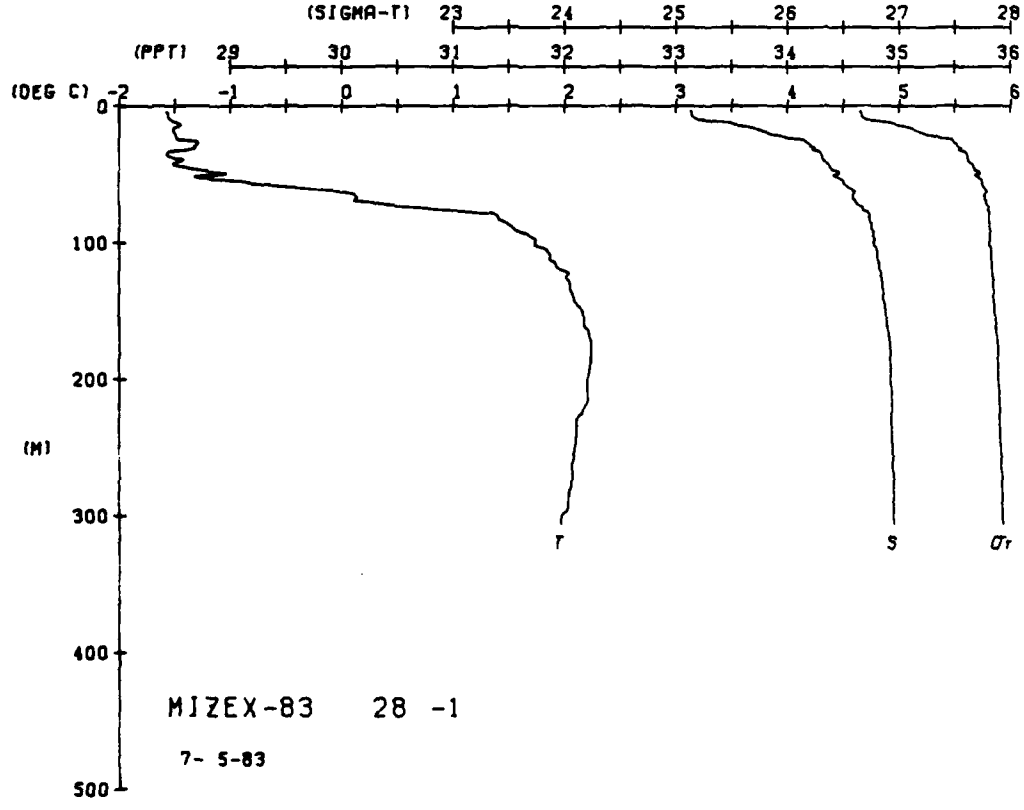

MIZEX-83 28 -1

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MIZEX-83 STATION 29(1) CTD 5/JUL/1983 1520 GMT CODE = 1
LAT = 81 2200N LNG = -6 6200W LTER = 150 LGER = 150
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

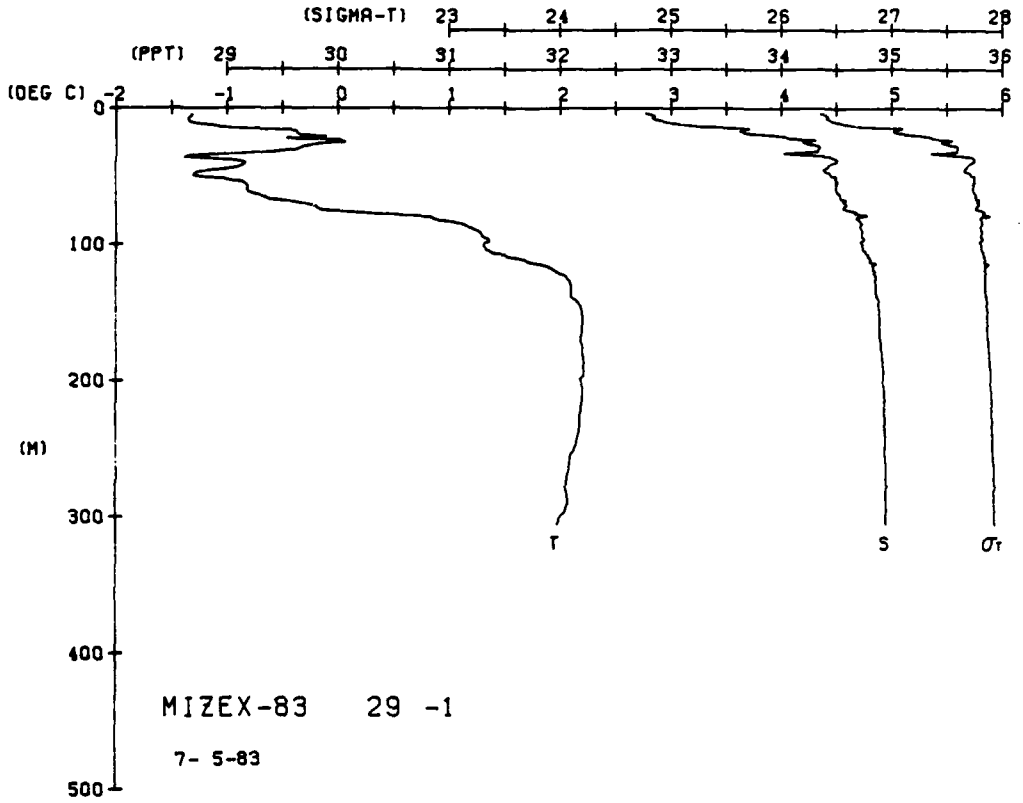
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.34	-1.34	32.80	26.38	163.4	0.000	1440.0
1.9	-1.34	-1.34	32.80	26.38	163.3	0.003	1440.0
5.0	-1.31	-1.31	32.82	26.39	162.2	0.008	1440.3
10.0	-1.34	-1.34	32.92	26.48	154.2	0.016	1440.3
15.0	-0.90	-0.90	33.61	27.02	102.7	0.023	1443.4
20.0	-0.34	-0.34	33.86	27.20	85.5	0.028	1446.5
25.0	0.06	0.06	34.18	27.44	62.6	0.031	1448.9
30.0	-0.36	-0.36	34.33	27.58	49.5	0.034	1447.2
35.0	-1.40	-1.40	34.31	27.61	46.6	0.037	1442.4
40.0	-0.83	-0.84	34.47	27.72	36.4	0.039	1445.4
45.0	-1.05	-1.05	34.41	27.67	40.8	0.041	1444.4
50.0	-1.28	-1.28	34.48	27.74	34.4	0.042	1443.5
55.0	-0.85	-0.85	34.49	27.74	34.8	0.044	1445.6
60.0	-0.82	-0.82	34.50	27.74	34.3	0.046	1445.8
65.0	-0.67	-0.67	34.54	27.77	31.7	0.048	1446.7
70.0	-0.34	-0.34	34.59	27.79	29.4	0.049	1448.3
75.0	-0.14	-0.14	34.60	27.79	29.6	0.051	1449.3
80.0	0.82	0.82	34.70	27.81	27.8	0.052	1453.9
85.0	1.09	1.09	34.73	27.82	26.9	0.054	1455.3
90.0	1.24	1.24	34.73	27.81	28.2	0.055	1456.0
95.0	1.29	1.29	34.73	27.81	28.8	0.056	1456.3
100.0	1.30	1.30	34.73	27.81	28.4	0.058	1456.5
110.0	1.56	1.55	34.80	27.85	24.9	0.060	1457.9
120.0	1.96	1.96	34.84	27.85	25.0	0.063	1459.9
130.0	2.10	2.09	34.86	27.85	25.0	0.066	1460.6
140.0	2.12	2.11	34.88	27.86	23.7	0.068	1460.9
150.0	2.20	2.19	34.89	27.87	23.5	0.070	1461.5
160.0	2.20	2.19	34.89	27.87	23.4	0.073	1461.6
170.0	2.19	2.18	34.90	27.87	22.8	0.075	1461.8
180.0	2.20	2.19	34.92	27.89	21.5	0.077	1462.0
190.0	2.21	2.20	34.92	27.89	21.6	0.080	1462.2
200.0	2.18	2.17	34.92	27.89	21.3	0.082	1462.3
210.0	2.20	2.19	34.93	27.90	20.5	0.084	1462.5
220.0	2.19	2.18	34.93	27.90	20.6	0.086	1462.6
230.0	2.18	2.17	34.94	27.91	19.6	0.088	1462.8
240.0	2.16	2.15	34.94	27.91	19.5	0.090	1462.9
250.0	2.12	2.11	34.95	27.92	19.1	0.092	1462.9
260.0	2.08	2.07	34.94	27.92	18.9	0.094	1462.8
270.0	2.06	2.04	34.95	27.93	18.5	0.096	1462.9
280.0	2.06	2.04	34.96	27.93	17.8	0.097	1463.1
290.0	2.07	2.06	34.96	27.93	18.2	0.099	1463.3
300.0	2.00	1.98	34.95	27.93	17.9	0.101	1463.1
306.1	1.97	1.96	34.96	27.94	17.0	0.102	1463.2

DEPTH TEMP. SALIN

MIZEX-83 STATION 30(1) CTD 5/JUL/1983 1556 GMT CODE = 1
LAT = 81 2700N LNG = -7 2300W LTER = 150 LGER = 150
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.58	-1.58	33.63	27.07	98.6	0.000	1440.0
3.9	-1.58	-1.58	33.63	27.07	98.6	0.004	1440.1
5.0	-1.58	-1.58	33.65	27.08	97.5	0.005	1440.1
10.0	-1.64	-1.64	33.97	27.34	72.6	0.009	1440.4
15.0	-1.68	-1.68	34.13	27.47	60.3	0.013	1440.5
20.0	-1.71	-1.71	34.21	27.54	53.5	0.016	1440.6
25.0	-1.73	-1.73	34.27	27.58	49.5	0.018	1440.6
30.0	-1.75	-1.75	34.28	27.60	48.0	0.021	1440.7
35.0	-1.70	-1.70	34.30	27.61	47.1	0.023	1441.0
40.0	-1.64	-1.64	34.33	27.63	44.6	0.025	1441.4
45.0	-1.52	-1.52	34.36	27.65	42.9	0.028	1442.1
50.0	-1.42	-1.42	34.38	27.66	41.6	0.030	1442.7
55.0	-1.44	-1.44	34.40	27.69	39.4	0.032	1442.7
60.0	-1.53	-1.53	34.42	27.71	37.7	0.034	1442.4
65.0	-1.46	-1.47	34.44	27.71	36.7	0.036	1442.8
70.0	-1.35	-1.35	34.45	27.72	36.4	0.037	1443.4
75.0	-1.26	-1.26	34.46	27.72	35.8	0.039	1444.0
80.0	-1.06	-1.06	34.49	27.74	34.1	0.041	1445.0
85.0	-0.84	-0.84	34.50	27.75	33.9	0.043	1446.1
90.0	-0.37	-0.37	34.56	27.77	31.7	0.044	1448.5
95.0	-0.09	-0.10	34.59	27.78	31.0	0.046	1449.9
100.0	0.25	0.24	34.63	27.79	29.6	0.047	1451.6
110.0	1.08	1.07	34.70	27.80	29.3	0.050	1455.6
120.0	1.19	1.19	34.73	27.82	27.8	0.053	1456.3
130.0	1.27	1.27	34.76	27.83	26.1	0.056	1456.9
140.0	1.43	1.42	34.79	27.84	25.3	0.059	1457.8
150.0	1.54	1.53	34.81	27.86	24.3	0.061	1458.5
160.0	1.68	1.68	34.84	27.86	23.5	0.064	1459.3
170.0	1.87	1.86	34.86	27.87	23.4	0.066	1460.3
180.0	1.86	1.85	34.87	27.88	22.4	0.068	1460.4
190.0	1.81	1.80	34.87	27.88	22.4	0.071	1460.4
200.0	1.80	1.79	34.87	27.89	21.8	0.073	1460.5
210.0	1.79	1.78	34.88	27.89	21.1	0.075	1460.7
220.0	1.82	1.80	34.89	27.89	21.1	0.077	1460.9
230.0	1.86	1.84	34.90	27.90	20.4	0.079	1461.3
240.0	2.09	2.07	34.94	27.92	19.0	0.081	1462.5
250.0	2.18	2.17	34.94	27.91	19.8	0.083	1463.1
260.0	2.16	2.14	34.95	27.92	18.9	0.085	1463.2
270.0	2.11	2.10	34.95	27.92	19.1	0.087	1463.2
280.0	2.09	2.07	34.94	27.92	19.1	0.089	1463.2
290.0	2.05	2.03	34.94	27.92	18.8	0.091	1463.2
300.0	2.00	1.99	34.95	27.93	17.9	0.093	1463.2
302.7	1.97	1.96	34.95	27.93	17.9	0.093	1463.1

DEPTH TEMP. SALIN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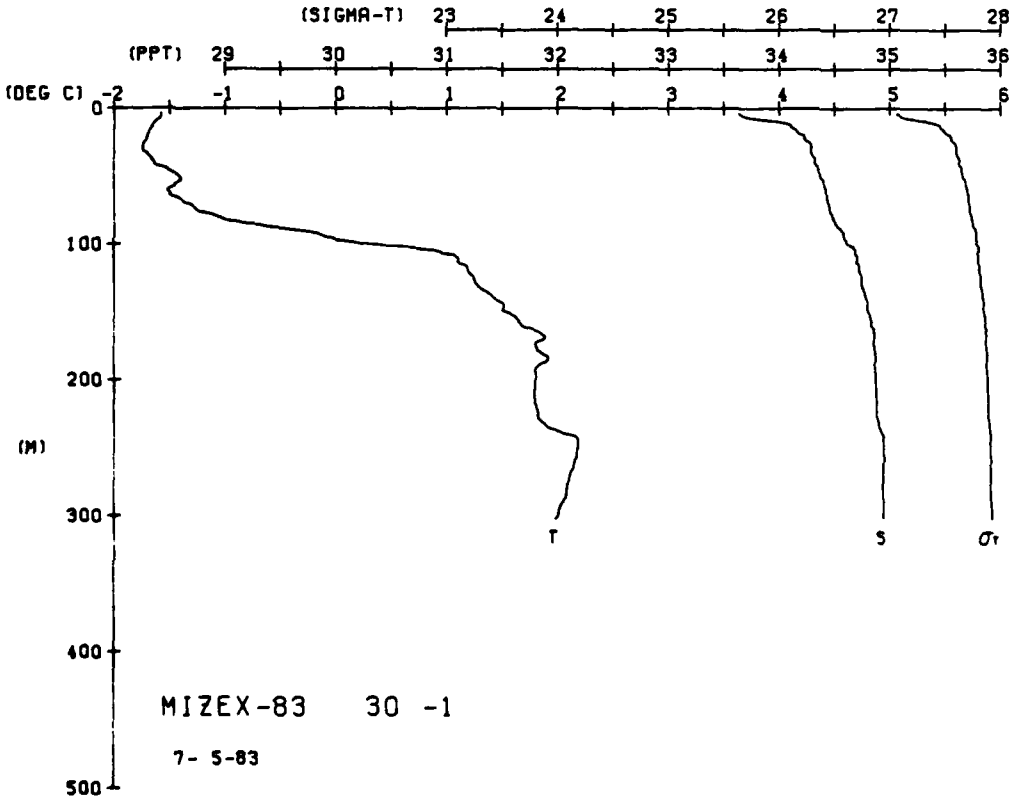
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σ_T
MIZEX-83 29 -1
7- 5-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
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MIZEX-83 30 -1
7- 5-83

MIZEX-83 STATION 31(1) CTD 5/JUL/1983 1635 GMT CODE = 1
LAT = 81 2600N LNG = -7 5100W LTER = 150 LGER = 150
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

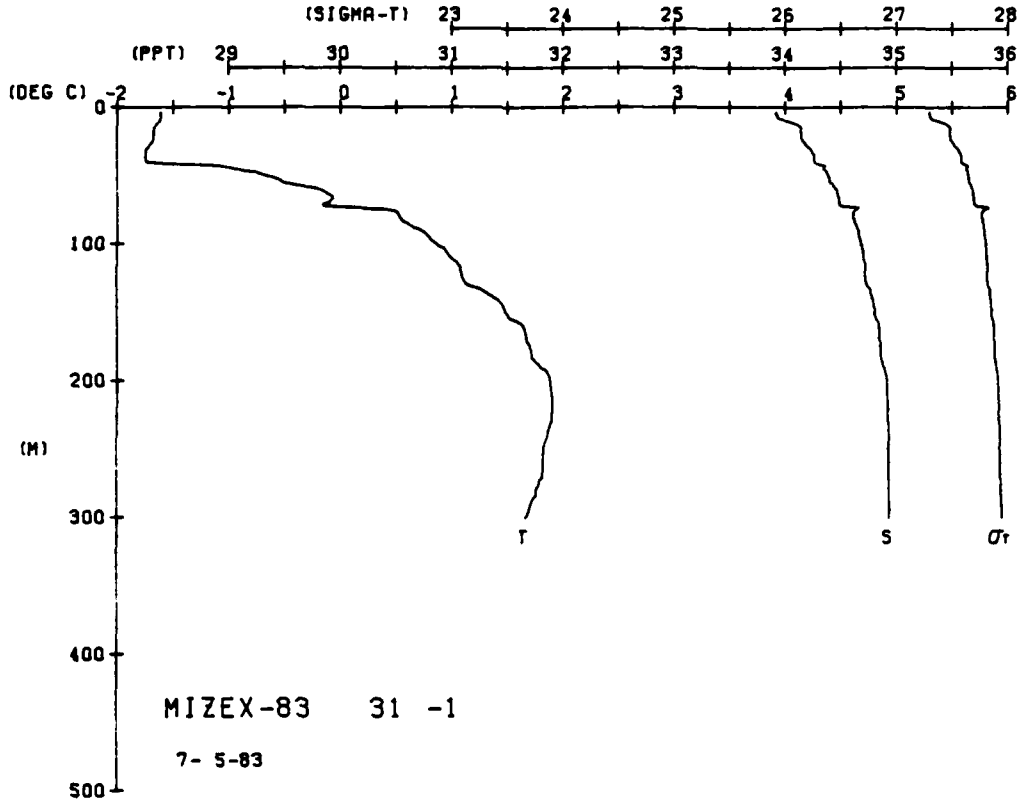
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.62	-1.62	33.94	27.32	74.9	0.000	1440.3
2.0	-1.62	-1.62	33.94	27.32	74.9	0.002	1440.3
5.0	-1.61	-1.61	33.90	27.28	78.1	0.004	1440.3
10.0	-1.62	-1.62	33.98	27.35	71.7	0.008	1440.5
15.0	-1.67	-1.67	34.14	27.48	59.5	0.011	1440.6
20.0	-1.68	-1.68	34.14	27.48	59.2	0.014	1440.6
25.0	-1.68	-1.69	34.16	27.50	57.5	0.017	1440.7
30.0	-1.73	-1.73	34.22	27.55	52.9	0.020	1440.6
35.0	-1.75	-1.75	34.26	27.58	49.7	0.022	1440.7
40.0	-1.74	-1.75	34.27	27.59	48.9	0.025	1440.8
45.0	-0.99	-0.99	34.34	27.62	45.9	0.027	1444.6
50.0	-0.70	-0.70	34.37	27.63	44.6	0.029	1446.0
55.0	-0.53	-0.53	34.40	27.65	43.3	0.032	1447.0
60.0	-0.20	-0.20	34.46	27.68	39.9	0.034	1448.6
65.0	-0.09	-0.09	34.48	27.69	39.0	0.036	1449.3
70.0	-0.11	-0.12	34.48	27.69	39.1	0.038	1449.2
75.0	0.36	0.36	34.64	27.80	29.3	0.039	1451.7
80.0	0.52	0.52	34.61	27.76	33.0	0.041	1452.3
85.0	0.58	0.58	34.62	27.77	32.1	0.043	1452.8
90.0	0.71	0.70	34.65	27.78	30.8	0.044	1453.3
95.0	0.78	0.78	34.66	27.78	30.7	0.046	1453.9
100.0	0.85	0.84	34.68	27.79	29.7	0.047	1454.3
110.0	0.99	0.98	34.71	27.81	28.2	0.050	1455.2
120.0	1.08	1.08	34.72	27.81	28.0	0.053	1455.8
130.0	1.13	1.12	34.73	27.82	27.5	0.056	1456.2
140.0	1.38	1.37	34.79	27.85	24.8	0.059	1457.5
150.0	1.48	1.48	34.81	27.86	24.3	0.061	1458.2
160.0	1.64	1.63	34.84	27.87	22.7	0.063	1459.1
170.0	1.67	1.66	34.85	27.87	22.8	0.066	1459.4
180.0	1.71	1.70	34.85	27.88	22.5	0.068	1459.8
190.0	1.79	1.78	34.88	27.89	21.3	0.070	1460.3
200.0	1.88	1.87	34.91	27.91	19.6	0.072	1460.9
210.0	1.90	1.89	34.91	27.91	19.8	0.074	1461.2
220.0	1.90	1.89	34.92	27.91	19.4	0.076	1461.4
230.0	1.89	1.88	34.92	27.92	18.7	0.078	1461.5
240.0	1.85	1.84	34.93	27.93	17.8	0.080	1461.5
250.0	1.82	1.81	34.93	27.93	17.7	0.082	1461.5
260.0	1.82	1.81	34.93	27.93	17.6	0.084	1461.7
270.0	1.81	1.80	34.93	27.93	18.0	0.085	1461.8
280.0	1.75	1.74	34.93	27.94	17.4	0.087	1461.7
290.0	1.71	1.69	34.93	27.94	16.9	0.089	1461.7
300.0	1.66	1.64	34.93	27.94	16.9	0.091	1461.6
301.9	1.66	1.64	34.94	27.95	16.3	0.091	1461.7

DEPTH TEMP SALIN

MIZEX-83 STATION 32(1) CTD 7/JUL/1983 1451 GMT CODE = 1
LAT = 81 4600N LNG = -7 4600W LTER = 150 LGER = 150
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

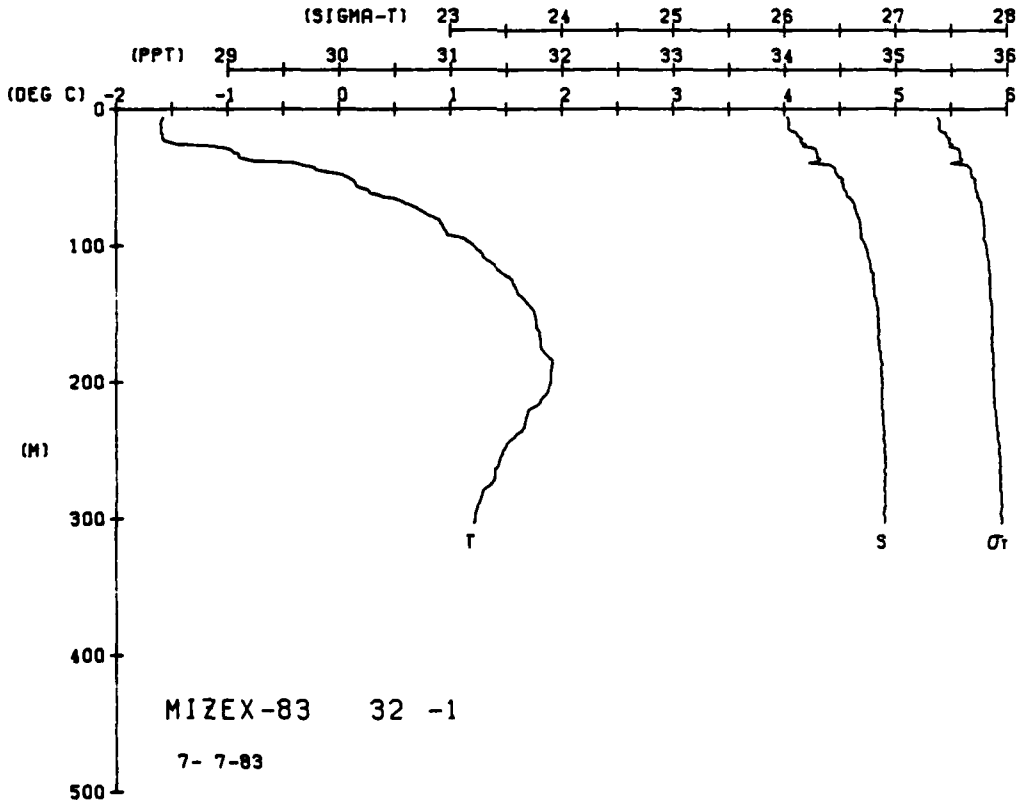
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	34.03	27.38	68.3	0.000	1440.6
5.0	-1.57	-1.57	34.03	27.38	68.3	0.003	1440.7
5.7	-1.57	-1.57	34.03	27.38	68.3	0.004	1440.7
10.0	-1.61	-1.61	34.04	27.39	67.4	0.007	1440.6
15.0	-1.61	-1.61	34.04	27.39	67.4	0.010	1440.7
20.0	-1.59	-1.59	34.11	27.46	61.5	0.014	1441.0
25.0	-1.50	-1.50	34.16	27.49	58.4	0.017	1441.6
30.0	-0.98	-0.98	34.29	27.58	49.9	0.019	1444.3
35.0	-0.90	-0.90	34.30	27.58	49.3	0.022	1444.8
40.0	-0.39	-0.39	34.36	27.61	47.1	0.024	1447.3
45.0	-0.19	-0.19	34.46	27.68	40.4	0.026	1448.4
50.0	0.07	0.07	34.50	27.70	38.3	0.028	1449.8
55.0	0.15	0.15	34.53	27.72	36.6	0.030	1450.2
60.0	0.27	0.26	34.56	27.74	35.1	0.032	1450.9
65.0	0.48	0.48	34.57	27.73	35.8	0.034	1452.0
70.0	0.62	0.62	34.62	27.76	32.4	0.036	1452.7
75.0	0.74	0.74	34.64	27.77	31.6	0.037	1453.4
80.0	0.85	0.85	34.66	27.79	30.5	0.039	1454.0
85.0	0.93	0.92	34.68	27.79	29.7	0.040	1454.5
90.0	0.96	0.96	34.69	27.80	29.2	0.042	1454.7
95.0	1.11	1.11	34.69	27.79	30.1	0.043	1455.5
100.0	1.20	1.20	34.74	27.82	27.3	0.045	1456.0
110.0	1.31	1.31	34.76	27.83	26.7	0.048	1456.7
120.0	1.47	1.46	34.80	27.85	24.8	0.050	1457.6
130.0	1.58	1.57	34.81	27.85	24.8	0.053	1458.3
140.0	1.67	1.66	34.82	27.85	24.5	0.055	1458.9
150.0	1.75	1.74	34.84	27.86	23.8	0.058	1459.4
160.0	1.77	1.76	34.84	27.86	23.9	0.060	1459.7
170.0	1.81	1.80	34.86	27.87	22.9	0.062	1460.0
180.0	1.86	1.85	34.86	27.87	22.9	0.065	1460.4
190.0	1.90	1.89	34.87	27.88	22.6	0.067	1460.8
200.0	1.89	1.88	34.88	27.88	22.0	0.069	1460.9
210.0	1.84	1.83	34.88	27.89	21.9	0.071	1460.9
220.0	1.70	1.69	34.88	27.90	20.3	0.074	1460.4
230.0	1.66	1.65	34.89	27.91	19.7	0.076	1460.4
240.0	1.56	1.55	34.90	27.92	18.3	0.078	1460.2
250.0	1.46	1.45	34.90	27.93	17.6	0.079	1459.9
260.0	1.42	1.41	34.91	27.95	16.2	0.081	1459.9
270.0	1.39	1.37	34.90	27.94	16.7	0.083	1459.9
280.0	1.28	1.27	34.91	27.95	15.5	0.084	1459.6
290.0	1.24	1.22	34.91	27.96	15.2	0.086	1459.6
300.0	1.21	1.20	34.91	27.96	15.1	0.087	1459.6
303.9	1.20	1.18	34.92	27.97	14.1	0.088	1459.6

DEPTH TEMP SALIN



MIZEX-83 31 -1

7- 5-83



MIZEX-83 32 -1

7- 7-83

MIZEX-83 STATION 33(1) CTD 7/JUL/1983 1532 GMT CODE = 1
LAT = 81.4300N LNG = -8.9100W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

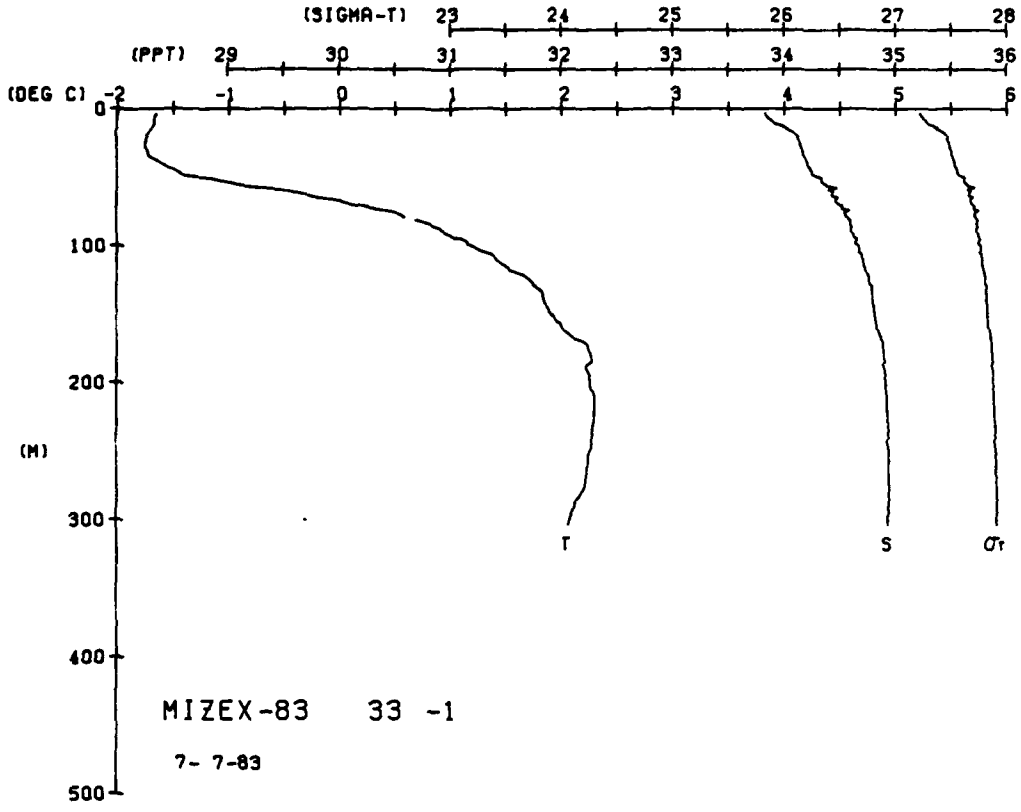
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.64	-1.64	33.82	27.22	84.1	0.000	1440.0
3.7	-1.64	-1.64	33.82	27.22	84.1	0.003	1440.1
5.0	-1.66	-1.66	33.83	27.23	83.2	0.004	1440.0
10.0	-1.66	-1.66	33.89	27.28	78.6	0.008	1440.2
15.0	-1.69	-1.69	34.02	27.38	68.5	0.012	1440.3
20.0	-1.73	-1.73	34.11	27.46	61.2	0.015	1440.3
25.0	-1.75	-1.75	34.14	27.48	59.0	0.018	1440.4
30.0	-1.74	-1.74	34.17	27.51	56.7	0.021	1440.6
35.0	-1.72	-1.72	34.18	27.51	56.2	0.024	1440.7
40.0	-1.60	-1.60	34.20	27.53	54.6	0.027	1441.4
45.0	-1.49	-1.49	34.25	27.56	51.5	0.030	1442.1
50.0	-1.31	-1.32	34.31	27.60	47.4	0.032	1443.1
55.0	-0.95	-0.95	34.33	27.61	46.8	0.035	1444.9
60.0	-0.52	-0.52	34.44	27.68	40.0	0.037	1447.1
65.0	-0.22	-0.22	34.45	27.67	40.8	0.039	1448.6
70.0	0.10	0.10	34.49	27.69	39.6	0.041	1450.2
75.0	0.42	0.42	34.57	27.74	35.2	0.043	1451.9
80.0	0.59	0.59	34.57	27.73	35.9	0.044	1452.7
85.0	0.83	0.83	34.59	27.73	35.8	0.046	1453.9
90.0	0.94	0.94	34.61	27.73	35.6	0.048	1454.5
95.0	1.04	1.04	34.64	27.75	33.5	0.050	1455.1
100.0	1.16	1.15	34.64	27.75	34.0	0.052	1455.7
110.0	1.41	1.41	34.70	27.78	31.5	0.055	1457.1
120.0	1.60	1.60	34.75	27.81	29.0	0.058	1458.2
130.0	1.77	1.76	34.78	27.82	28.1	0.061	1459.1
140.0	1.85	1.84	34.80	27.82	27.5	0.064	1459.6
150.0	1.91	1.90	34.82	27.84	26.3	0.066	1460.1
160.0	2.01	2.00	34.84	27.84	25.5	0.069	1460.8
170.0	2.19	2.18	34.88	27.86	23.9	0.071	1461.7
180.0	2.26	2.25	34.90	27.87	23.5	0.074	1462.3
190.0	2.23	2.22	34.90	27.88	22.9	0.076	1462.3
200.0	2.27	2.26	34.92	27.89	22.1	0.078	1462.6
210.0	2.31	2.29	34.93	27.89	21.7	0.081	1463.0
220.0	2.30	2.29	34.93	27.89	21.8	0.083	1463.1
230.0	2.29	2.27	34.94	27.90	21.1	0.085	1463.2
240.0	2.28	2.27	34.94	27.90	21.2	0.087	1463.4
250.0	2.26	2.25	34.94	27.91	20.4	0.089	1463.5
260.0	2.24	2.23	34.94	27.91	20.3	0.091	1463.5
270.0	2.22	2.21	34.95	27.91	19.9	0.093	1463.6
280.0	2.18	2.16	34.94	27.91	19.9	0.095	1463.6
290.0	2.12	2.10	34.95	27.92	18.9	0.097	1463.5
300.0	2.08	2.06	34.94	27.92	19.3	0.099	1463.5
305.4	2.07	2.05	34.94	27.92	19.1	0.100	1463.5

DEPTH TEMP. SALIN

MIZEX-83 STATION 34(1) CTD 7/JUL/1983 1618 GMT CODE = 1
LAT = 81.2100N LNG = -8.8300W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.63	-1.63	33.74	27.15	90.1	0.000	1440.0
1.9	-1.63	-1.63	33.74	27.15	90.1	0.002	1440.0
5.0	-1.63	-1.63	33.75	27.16	89.8	0.005	1440.1
10.0	-1.65	-1.65	33.88	27.27	79.2	0.009	1440.2
15.0	-1.67	-1.67	34.02	27.38	68.8	0.013	1440.4
20.0	-1.71	-1.71	34.09	27.44	63.2	0.016	1440.4
25.0	-1.74	-1.74	34.16	27.50	57.6	0.019	1440.4
30.0	-1.76	-1.76	34.18	27.51	56.0	0.022	1440.4
35.0	-1.74	-1.74	34.18	27.51	55.9	0.025	1440.6
40.0	-1.69	-1.69	34.20	27.53	54.6	0.027	1441.0
45.0	-1.43	-1.43	34.24	27.55	52.1	0.030	1442.4
50.0	-1.31	-1.31	34.28	27.58	49.5	0.033	1443.1
55.0	-1.14	-1.14	34.30	27.59	48.8	0.035	1444.0
60.0	-0.85	-0.85	34.35	27.62	45.8	0.038	1445.5
65.0	-0.68	-0.68	34.37	27.63	44.6	0.040	1446.4
70.0	-0.34	-0.35	34.41	27.65	43.4	0.042	1448.1
75.0	0.13	0.13	34.48	27.68	40.5	0.044	1450.4
80.0	0.66	0.65	34.53	27.69	39.6	0.046	1453.0
85.0	0.95	0.95	34.59	27.72	37.0	0.048	1454.4
90.0	1.17	1.17	34.62	27.73	36.1	0.050	1455.6
95.0	1.25	1.24	34.65	27.75	33.9	0.052	1456.0
100.0	1.33	1.32	34.68	27.77	32.4	0.053	1456.5
110.0	1.42	1.42	34.71	27.78	31.2	0.057	1457.1
120.0	1.60	1.60	34.76	27.81	28.8	0.060	1458.2
130.0	1.71	1.70	34.77	27.81	28.7	0.063	1458.8
140.0	1.81	1.80	34.80	27.83	27.1	0.065	1459.5
150.0	1.93	1.92	34.83	27.84	25.6	0.068	1460.2
160.0	2.03	2.02	34.85	27.85	24.9	0.071	1460.8
170.0	2.04	2.03	34.86	27.86	24.4	0.073	1461.1
180.0	2.11	2.10	34.88	27.86	24.0	0.076	1461.5
190.0	2.15	2.14	34.89	27.87	23.1	0.078	1461.9
200.0	2.18	2.17	34.90	27.88	22.4	0.080	1462.2
210.0	2.21	2.20	34.91	27.89	22.0	0.083	1462.5
220.0	2.21	2.20	34.92	27.89	21.3	0.085	1462.7
230.0	2.25	2.24	34.93	27.90	21.1	0.087	1463.1
240.0	2.26	2.25	34.94	27.90	20.5	0.089	1463.3
250.0	2.25	2.24	34.95	27.91	19.8	0.091	1463.4
260.0	2.22	2.21	34.95	27.91	20.0	0.093	1463.5
270.0	2.19	2.18	34.95	27.92	19.2	0.095	1463.5
280.0	2.16	2.14	34.95	27.92	19.1	0.097	1463.5
290.0	2.14	2.12	34.95	27.92	19.0	0.099	1463.6
299.5	2.13	2.11	34.95	27.92	19.2	0.101	1463.7

DEPTH TEMP. SALIN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(DEG C) -2 -1 0 1 2 3 4 5 6
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100
200
(M)
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MIZEX-83 33 -1
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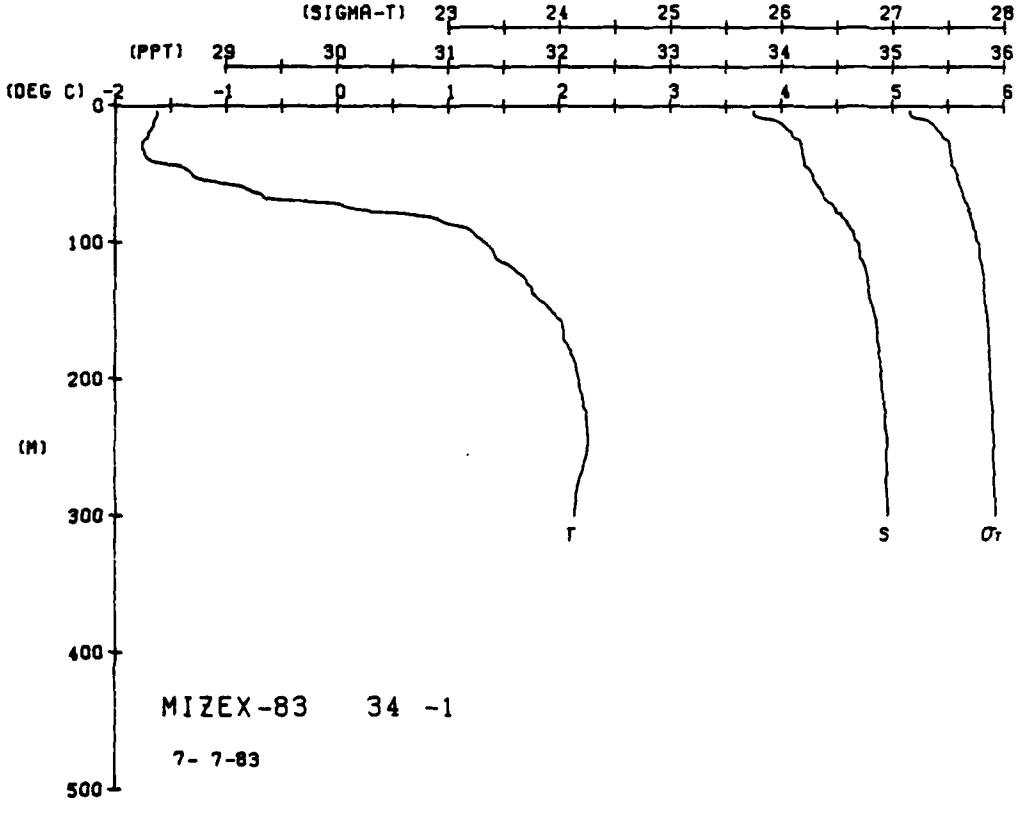
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 34 -1
7- 7-83

MIZEX-83 STATION 35(1) CTD 7/JUL/1983 1655 GMT CODE = 1
LAT = 81.0800N LNG = -8.7200W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

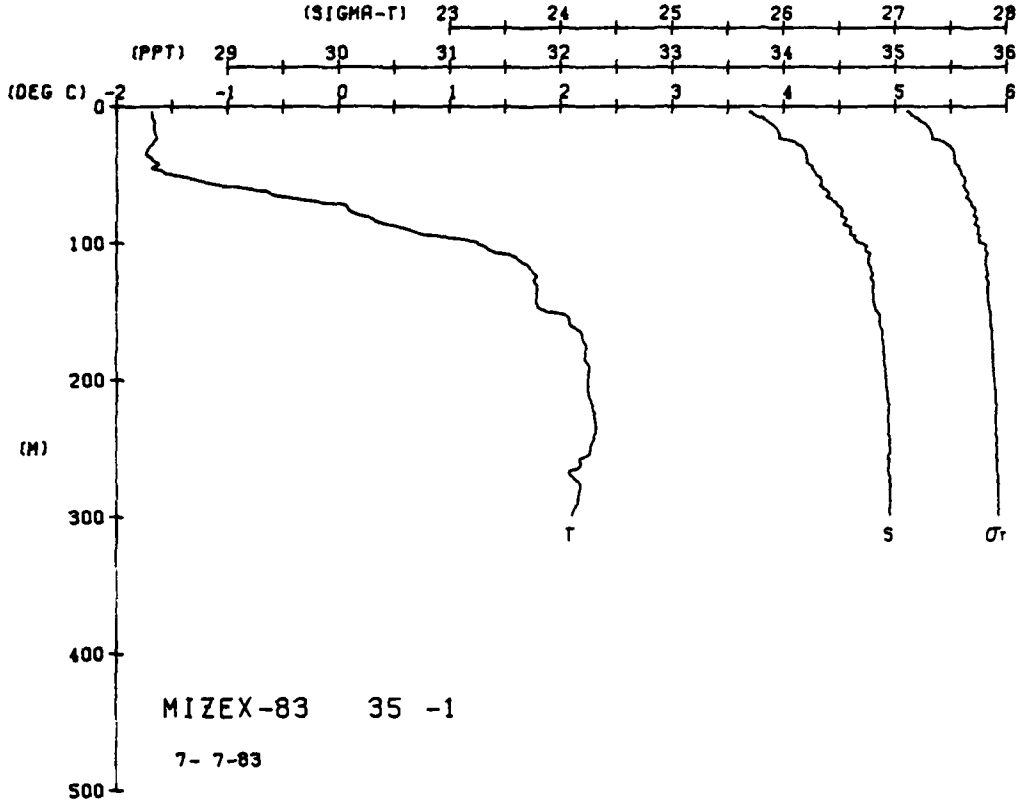
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.69	-1.69	33.58	27.02	102.8	0.000	1439.5
1.9	-1.69	-1.69	33.98	27.02	102.8	0.002	1439.5
5.0	-1.68	-1.68	33.73	27.14	91.1	0.005	1439.8
10.0	-1.67	-1.67	33.82	27.22	83.8	0.009	1440.0
15.0	-1.66	-1.67	33.92	27.30	76.4	0.014	1440.3
20.0	-1.66	-1.66	33.96	27.33	73.2	0.017	1440.5
25.0	-1.66	-1.66	34.04	27.40	66.7	0.021	1440.6
30.0	-1.72	-1.72	34.17	27.51	56.7	0.024	1440.6
35.0	-1.74	-1.74	34.20	27.53	54.0	0.027	1440.7
40.0	-1.68	-1.68	34.22	27.54	53.4	0.029	1441.1
45.0	-1.69	-1.69	34.25	27.57	50.7	0.032	1441.1
50.0	-1.54	-1.54	34.30	27.60	47.5	0.035	1442.0
55.0	-1.24	-1.24	34.35	27.64	44.2	0.037	1443.6
60.0	-0.85	-0.85	34.35	27.62	45.6	0.039	1445.5
65.0	-0.61	-0.61	34.40	27.65	43.0	0.041	1446.7
70.0	-0.23	-0.23	34.48	27.70	38.7	0.043	1448.7
75.0	0.08	0.08	34.52	27.71	37.2	0.045	1450.2
80.0	0.18	0.18	34.51	27.70	38.2	0.047	1450.8
85.0	0.35	0.35	34.55	27.72	36.3	0.049	1451.7
90.0	0.62	0.61	34.60	27.75	34.1	0.051	1453.0
95.0	0.91	0.90	34.65	27.77	32.0	0.053	1454.5
100.0	1.24	1.24	34.69	27.78	31.5	0.054	1456.1
110.0	1.59	1.58	34.76	27.81	28.3	0.057	1457.9
120.0	1.74	1.73	34.79	27.82	27.4	0.060	1458.8
130.0	1.77	1.76	34.80	27.83	26.9	0.063	1459.1
140.0	1.78	1.77	34.80	27.83	26.7	0.065	1459.3
150.0	1.87	1.87	34.83	27.85	25.1	0.068	1460.0
160.0	2.09	2.08	34.86	27.86	24.6	0.071	1461.1
170.0	2.20	2.19	34.88	27.86	24.0	0.073	1461.8
180.0	2.21	2.20	34.89	27.87	23.5	0.075	1462.0
190.0	2.26	2.25	34.92	27.89	22.0	0.078	1462.4
200.0	2.24	2.23	34.92	27.88	22.2	0.080	1462.5
210.0	2.24	2.23	34.93	27.89	21.3	0.082	1462.7
220.0	2.29	2.28	34.94	27.90	20.8	0.084	1463.1
230.0	2.31	2.30	34.95	27.91	20.2	0.086	1463.4
240.0	2.31	2.29	34.94	27.90	21.4	0.089	1463.5
250.0	2.26	2.25	34.95	27.91	20.0	0.091	1463.5
260.0	2.18	2.16	34.95	27.92	19.2	0.093	1463.3
270.0	2.09	2.07	34.95	27.92	18.8	0.095	1463.0
280.0	2.17	2.16	34.95	27.92	19.1	0.096	1463.6
290.0	2.14	2.13	34.96	27.92	18.8	0.098	1463.6
300.0	2.10	2.08	34.96	27.93	18.4	0.100	1463.6
300.2	2.10	2.08	34.95	27.92	18.8	0.100	1463.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 36(1) CTD 7/JUL/1983 1742 GMT CODE = 1
LAT = 81.0800N LNG = -7.9900W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.74	-1.74	32.99	26.55	147.5	0.000	1438.4
1.9	-1.74	-1.74	32.99	26.55	147.5	0.003	1438.4
5.0	-1.73	-1.73	33.03	26.58	144.8	0.007	1438.6
10.0	-1.60	-1.60	33.47	26.93	111.0	0.014	1439.9
15.0	-1.64	-1.64	33.90	27.28	78.2	0.019	1440.4
20.0	-1.65	-1.65	34.00	27.37	70.0	0.022	1440.6
25.0	-1.67	-1.67	34.12	27.46	60.8	0.026	1440.7
30.0	-1.71	-1.71	34.17	27.50	57.0	0.029	1440.7
35.0	-1.73	-1.73	34.20	27.53	54.6	0.032	1440.7
40.0	-1.75	-1.76	34.23	27.55	52.3	0.034	1440.7
45.0	-1.76	-1.76	34.24	27.56	51.0	0.037	1440.8
50.0	-1.76	-1.77	34.25	27.57	50.2	0.039	1440.9
55.0	-1.75	-1.75	34.26	27.58	49.7	0.042	1441.0
60.0	-1.76	-1.76	34.27	27.58	49.1	0.044	1441.1
65.0	-1.70	-1.70	34.33	27.63	44.6	0.047	1441.5
70.0	-1.51	-1.51	34.35	27.64	43.6	0.049	1442.5
75.0	-1.39	-1.39	34.39	27.68	40.3	0.051	1443.2
80.0	-0.65	-0.66	34.46	27.70	38.3	0.053	1446.9
85.0	-0.25	-0.26	34.48	27.70	38.0	0.055	1448.8
90.0	0.04	0.04	34.53	27.72	36.2	0.057	1450.3
95.0	-0.08	-0.08	34.57	27.76	32.2	0.059	1449.9
100.0	-0.33	-0.34	34.55	27.76	32.8	0.060	1448.8
110.0	-0.04	-0.04	34.59	27.77	31.3	0.064	1450.4
120.0	0.39	0.39	34.66	27.81	28.4	0.067	1452.6
130.0	0.99	0.98	34.72	27.82	27.3	0.069	1455.5
140.0	1.48	1.48	34.79	27.84	25.6	0.072	1458.0
150.0	1.68	1.68	34.81	27.85	25.1	0.075	1459.1
160.0	1.86	1.85	34.84	27.85	24.7	0.077	1460.1
170.0	2.00	1.99	34.87	27.87	23.6	0.080	1460.9
180.0	2.10	2.09	34.89	27.87	23.1	0.082	1461.5
190.0	2.17	2.16	34.91	27.88	22.2	0.084	1462.0
200.0	2.19	2.17	34.91	27.89	21.9	0.086	1462.3
210.0	2.20	2.19	34.91	27.89	21.9	0.089	1462.5
220.0	2.19	2.18	34.92	27.89	21.2	0.091	1462.6
230.0	2.20	2.18	34.93	27.90	20.6	0.093	1462.8
240.0	2.16	2.15	34.93	27.90	20.5	0.095	1462.9
250.0	2.15	2.14	34.93	27.91	20.2	0.097	1463.0
260.0	2.13	2.11	34.94	27.91	19.9	0.099	1463.0
270.0	2.12	2.11	34.94	27.92	19.4	0.101	1463.2
280.0	2.08	2.06	34.94	27.92	19.3	0.103	1463.2
290.0	2.06	2.05	34.95	27.93	18.7	0.105	1463.3
300.0	2.04	2.02	34.95	27.93	18.6	0.107	1463.3
301.2	2.03	2.01	34.95	27.93	18.0	0.107	1463.3

DEPTH TEMP. SALIN



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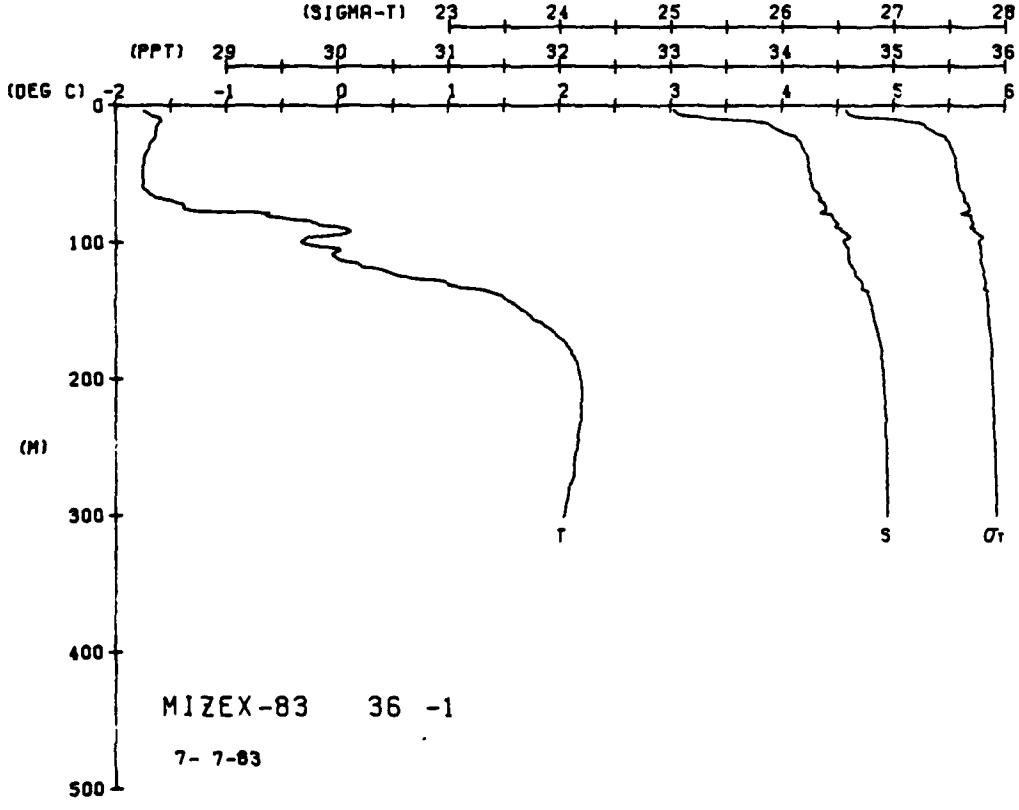

MIZEX-83 36 -1

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MIZEX-83 STATION 37(1) CTD 7/JUL/1983 1830 GMT CODE = 1
LAT = 81.1000N LNG = -7.2500W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

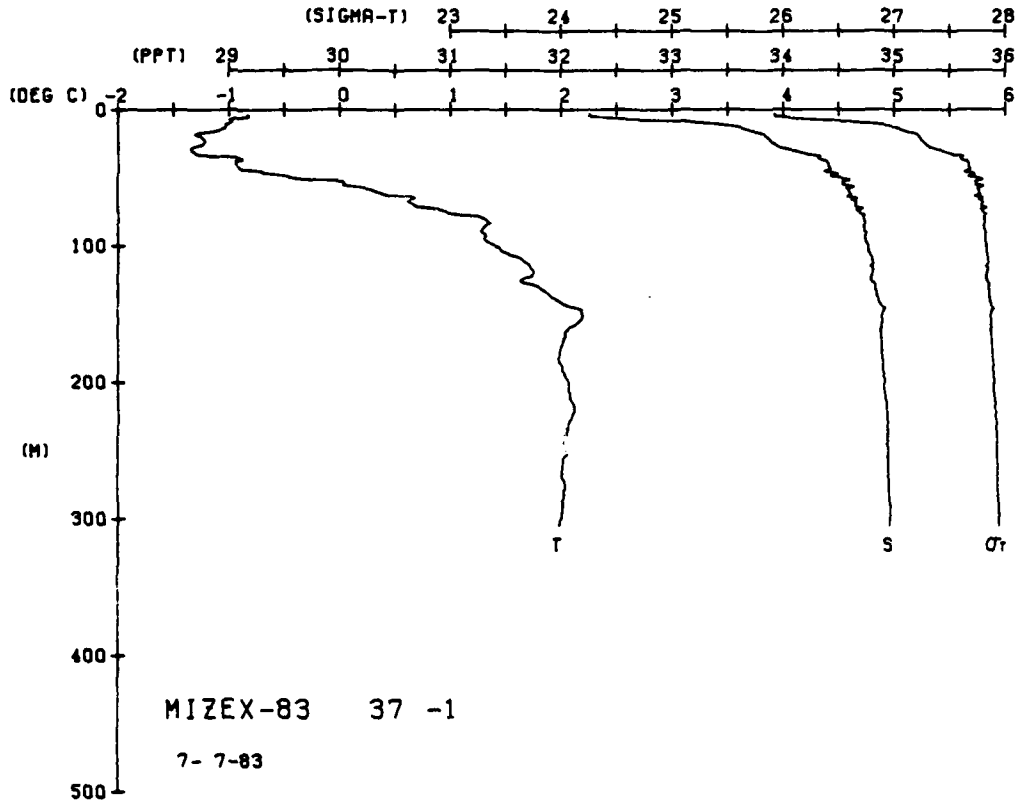
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.86	-0.86	32.15	25.84	214.6	0.000	1441.3
1.9	-0.86	-0.86	32.15	25.84	214.6	0.004	1441.4
5.0	-0.82	-0.82	32.24	25.91	207.8	0.011	1441.8
10.0	-0.99	-0.99	33.23	26.72	131.3	0.019	1442.4
15.0	-1.08	-1.08	33.65	27.06	98.6	0.025	1442.7
20.0	-1.27	-1.27	33.84	27.22	83.6	0.030	1442.1
25.0	-1.23	-1.23	33.90	27.27	79.0	0.034	1442.5
30.0	-1.35	-1.36	34.04	27.39	67.6	0.038	1442.2
35.0	-1.11	-1.11	34.32	27.61	46.9	0.040	1443.8
40.0	-0.94	-0.94	34.40	27.66	41.8	0.043	1444.8
45.0	-0.89	-0.89	34.41	27.67	40.8	0.045	1445.1
50.0	-0.44	-0.44	34.48	27.70	38.0	0.047	1447.4
55.0	0.03	0.03	34.53	27.72	36.4	0.049	1449.7
60.0	0.31	0.31	34.60	27.76	32.4	0.050	1451.1
65.0	0.65	0.65	34.65	27.79	30.1	0.052	1452.8
70.0	0.67	0.67	34.64	27.78	31.1	0.054	1453.0
75.0	0.95	0.95	34.69	27.80	29.4	0.055	1454.4
80.0	1.28	1.27	34.72	27.81	28.7	0.057	1456.0
85.0	1.32	1.31	34.73	27.81	28.6	0.058	1456.3
90.0	1.27	1.27	34.74	27.82	27.7	0.059	1456.2
95.0	1.30	1.30	34.74	27.81	28.0	0.061	1456.4
100.0	1.40	1.40	34.76	27.82	27.2	0.062	1457.0
110.0	1.64	1.63	34.80	27.84	25.6	0.065	1458.2
120.0	1.75	1.74	34.80	27.83	26.3	0.067	1458.9
130.0	1.78	1.77	34.83	27.85	24.9	0.070	1459.2
140.0	1.93	1.93	34.85	27.86	24.1	0.073	1460.2
150.0	2.19	2.18	34.89	27.87	23.5	0.075	1461.4
160.0	2.08	2.07	34.88	27.87	23.0	0.077	1461.1
170.0	2.01	2.00	34.89	27.88	22.3	0.080	1461.0
180.0	1.98	1.97	34.89	27.89	21.8	0.082	1461.0
190.0	2.00	1.99	34.89	27.89	21.9	0.084	1461.3
200.0	2.06	2.05	34.91	27.90	21.0	0.086	1461.7
210.0	2.09	2.07	34.92	27.90	20.3	0.088	1462.0
220.0	2.12	2.10	34.93	27.91	20.0	0.090	1462.3
230.0	2.06	2.05	34.93	27.91	19.4	0.092	1462.2
240.0	2.04	2.02	34.93	27.91	19.5	0.094	1462.3
250.0	2.05	2.03	34.95	27.93	18.2	0.096	1462.5
260.0	2.01	2.00	34.94	27.92	18.6	0.098	1462.5
270.0	2.01	2.00	34.95	27.93	18.2	0.100	1462.7
280.0	2.02	2.01	34.95	27.93	17.8	0.102	1462.9
290.0	2.01	1.99	34.96	27.94	17.3	0.104	1463.0
300.0	1.99	1.98	34.96	27.94	17.4	0.105	1463.1
305.7	1.98	1.96	34.96	27.94	17.4	0.106	1463.2

DEPTH TEMP. SALIN

MIZEX-83 STATION 38(1) CTD 7/JUL/1983 1910 GMT CODE = 1
LAT = 81.1400N LNG = -6.6300W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.00	-1.00	32.22	25.90	209.5	0.000	1440.8
1.9	-1.00	-1.00	32.22	25.90	209.5	0.004	1440.8
5.0	-0.92	-0.92	32.71	26.30	171.4	0.010	1441.9
10.0	-0.68	-0.68	33.33	26.79	124.7	0.018	1444.0
15.0	-1.10	-1.10	33.74	27.14	91.8	0.023	1442.7
20.0	-1.17	-1.17	33.91	27.28	78.2	0.027	1442.7
25.0	-0.86	-0.86	34.11	27.43	64.0	0.031	1444.9
30.0	1.07	1.07	34.34	27.51	56.3	0.034	1453.7
35.0	1.58	1.58	34.62	27.70	38.6	0.036	1456.5
40.0	1.78	1.78	34.66	27.72	36.9	0.038	1457.5
45.0	1.96	1.96	34.73	27.76	33.2	0.040	1458.5
50.0	2.50	2.49	34.79	27.76	32.7	0.042	1461.0
55.0	1.37	1.36	34.71	27.79	30.5	0.043	1456.0
60.0	1.19	1.19	34.71	27.80	29.4	0.045	1455.3
65.0	1.00	1.00	34.74	27.84	25.6	0.046	1454.5
70.0	1.97	1.96	34.74	27.77	32.2	0.048	1458.9
75.0	1.71	1.71	34.77	27.81	28.4	0.049	1457.9
80.0	1.87	1.86	34.79	27.81	28.3	0.051	1458.7
85.0	1.71	1.71	34.81	27.84	25.5	0.052	1458.1
90.0	1.77	1.76	34.79	27.82	27.7	0.053	1458.4
95.0	1.86	1.86	34.81	27.83	26.4	0.055	1459.0
100.0	2.00	2.00	34.84	27.85	25.2	0.056	1459.7
110.0	1.95	1.95	34.83	27.84	26.1	0.059	1459.6
120.0	1.94	1.93	34.84	27.85	24.7	0.061	1459.8
130.0	2.03	2.02	34.87	27.86	23.6	0.064	1460.4
140.0	2.10	2.10	34.88	27.87	23.3	0.066	1460.9
150.0	2.08	2.07	34.89	27.88	22.7	0.068	1460.9
160.0	2.17	2.16	34.91	27.88	22.0	0.071	1461.5
170.0	2.12	2.11	34.91	27.89	21.7	0.073	1461.5
180.0	2.10	2.09	34.90	27.89	21.7	0.075	1461.6
190.0	2.11	2.10	34.91	27.89	21.1	0.077	1461.8
200.0	2.03	2.02	34.91	27.90	21.0	0.079	1461.6
210.0	1.97	1.95	34.92	27.91	19.8	0.081	1461.5
220.0	1.94	1.93	34.92	27.91	19.5	0.083	1461.5
230.0	1.90	1.89	34.91	27.91	19.7	0.085	1461.5
240.0	1.85	1.83	34.93	27.93	18.0	0.087	1461.5
250.0	1.84	1.83	34.93	27.93	18.0	0.089	1461.6
260.0	1.82	1.80	34.94	27.94	17.4	0.091	1461.7
270.0	1.78	1.77	34.94	27.94	16.9	0.093	1461.7
280.0	1.75	1.74	34.94	27.94	16.9	0.094	1461.7
290.0	1.70	1.68	34.94	27.95	16.4	0.096	1461.7
300.0	1.67	1.65	34.94	27.95	16.3	0.098	1461.7

DEPTH TEMP. SALIN



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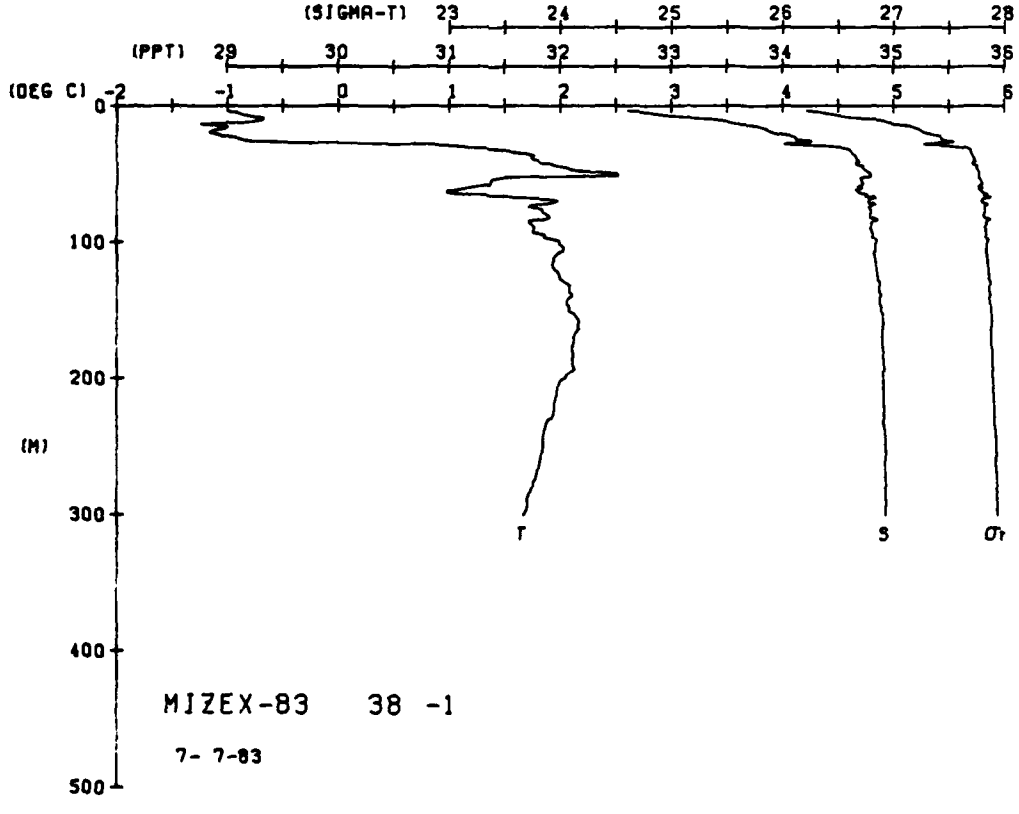

MIZEX-83 38 -1

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MIZEX-83 STATION 39(1) CTD 7/JUL/1983 2018 GMT CODE = 1
LAT = 81.1100N LNG = -5.8000W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

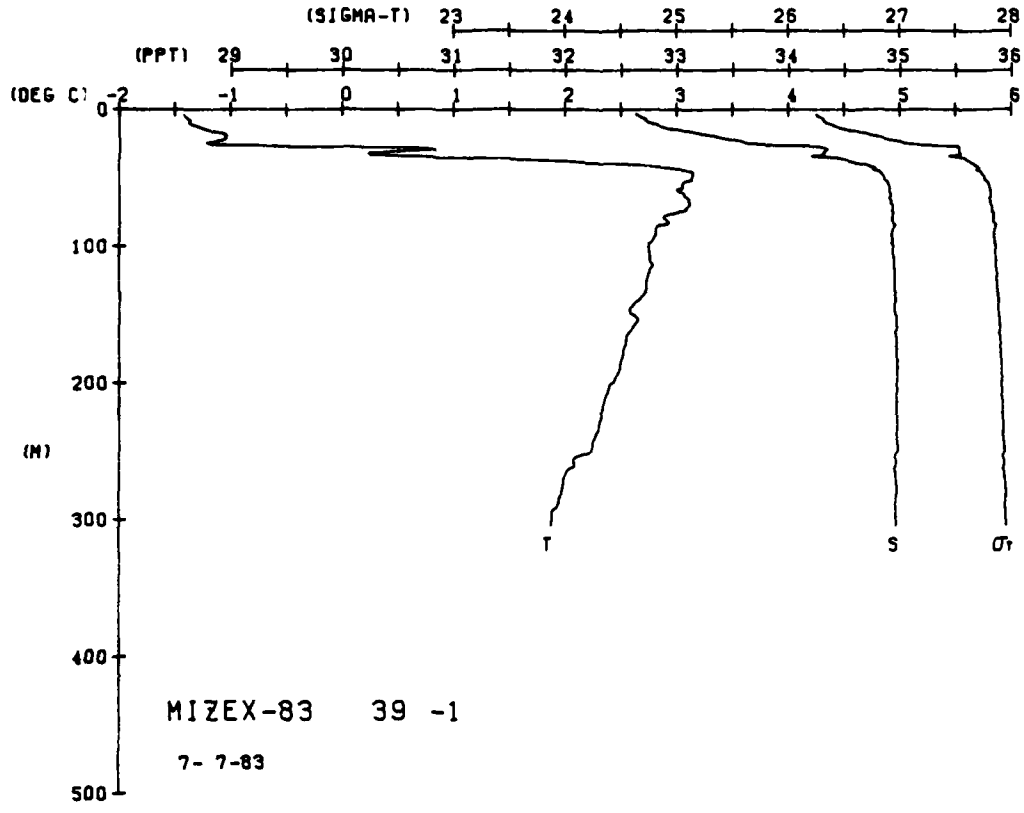
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.47	-1.47	31.85	25.61	236.6	0.000	1438.1
1.9	-1.47	-1.47	31.85	25.61	236.6	0.005	1438.1
5.0	-1.41	-1.41	32.65	26.26	174.9	0.011	1439.6
10.0	-1.37	-1.38	32.74	26.34	167.7	0.020	1439.9
15.0	-1.23	-1.23	32.96	26.51	151.5	0.028	1441.0
20.0	-1.04	-1.04	33.33	26.80	123.7	0.035	1442.5
25.0	-1.23	-1.23	33.60	27.03	101.8	0.040	1442.0
30.0	0.80	0.80	34.34	27.52	55.1	0.044	1452.5
35.0	0.73	0.73	34.15	27.38	69.0	0.048	1452.0
40.0	2.31	2.31	34.61	27.64	44.7	0.050	1459.8
45.0	3.09	3.08	34.79	27.71	38.2	0.052	1463.4
50.0	3.13	3.13	34.86	27.76	33.4	0.054	1463.8
55.0	3.05	3.04	34.90	27.80	29.2	0.056	1463.6
60.0	2.99	2.98	34.90	27.80	29.0	0.057	1463.4
65.0	3.09	3.08	34.91	27.81	28.9	0.059	1463.9
70.0	3.12	3.11	34.93	27.82	27.8	0.060	1464.2
75.0	3.03	3.03	34.94	27.83	26.7	0.062	1463.9
80.0	2.88	2.88	34.93	27.84	25.8	0.063	1463.3
85.0	2.83	2.83	34.96	27.87	23.4	0.064	1463.2
90.0	2.81	2.80	34.93	27.85	25.3	0.065	1463.2
95.0	2.78	2.78	34.93	27.85	25.0	0.067	1463.2
100.0	2.74	2.73	34.94	27.86	23.9	0.068	1463.0
110.0	2.76	2.75	34.95	27.87	23.4	0.070	1463.3
120.0	2.74	2.74	34.96	27.87	22.9	0.073	1463.4
130.0	2.72	2.71	34.96	27.88	22.5	0.075	1463.5
140.0	2.64	2.63	34.95	27.88	22.5	0.077	1463.3
150.0	2.59	2.58	34.96	27.89	21.6	0.079	1463.3
160.0	2.59	2.58	34.97	27.90	20.8	0.082	1463.5
170.0	2.54	2.53	34.97	27.90	20.2	0.084	1463.4
180.0	2.51	2.50	34.97	27.91	20.0	0.086	1463.4
190.0	2.48	2.47	34.97	27.91	19.8	0.088	1463.5
200.0	2.42	2.41	34.97	27.91	19.6	0.090	1463.4
210.0	2.36	2.34	34.97	27.92	19.1	0.092	1463.3
220.0	2.32	2.31	34.97	27.92	18.8	0.094	1463.3
230.0	2.30	2.28	34.98	27.93	18.3	0.095	1463.3
240.0	2.26	2.24	34.97	27.93	18.1	0.097	1463.3
250.0	2.22	2.21	34.98	27.94	17.4	0.099	1463.3
260.0	2.08	2.07	34.96	27.93	17.7	0.101	1462.9
270.0	1.98	1.96	34.96	27.94	17.0	0.103	1462.6
280.0	1.96	1.94	34.97	27.95	16.3	0.104	1462.7
290.0	1.93	1.91	34.96	27.94	16.8	0.106	1462.7
300.0	1.87	1.86	34.96	27.95	16.1	0.108	1462.6
305.4	1.86	1.85	34.96	27.95	16.0	0.109	1462.7

DEPTH TEMP SALIN

MIZEX-83 STATION 40(1) CTD 7/JUL/1983 2100 GMT CODE = 1
LAT = 81.2100N LNG = -5.7000W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.46	-1.46	32.55	26.18	182.3	0.000	1439.1
1.9	-1.46	-1.46	32.55	26.18	182.3	0.004	1439.1
5.0	-1.44	-1.44	32.73	26.33	168.6	0.009	1439.5
10.0	-1.37	-1.37	32.81	26.39	162.5	0.017	1440.0
15.0	-1.36	-1.36	32.88	26.44	157.5	0.026	1440.3
20.0	-1.16	-1.16	33.25	26.74	129.2	0.033	1441.8
25.0	-0.71	-0.71	33.90	27.25	81.1	0.038	1444.9
30.0	-0.23	-0.23	34.11	27.40	67.0	0.042	1447.5
35.0	0.30	0.30	34.34	27.55	52.2	0.045	1450.3
40.0	1.17	1.16	34.66	27.76	32.4	0.047	1454.8
45.0	1.41	1.41	34.66	27.75	34.1	0.049	1456.0
50.0	1.53	1.52	34.72	27.78	30.7	0.050	1456.6
55.0	1.60	1.60	34.76	27.81	28.2	0.052	1457.1
60.0	1.65	1.65	34.77	27.82	27.7	0.053	1457.4
65.0	1.74	1.73	34.80	27.84	25.9	0.055	1457.9
70.0	1.77	1.76	34.80	27.83	26.2	0.056	1458.1
75.0	1.86	1.86	34.83	27.85	24.9	0.057	1458.7
80.0	2.12	2.12	34.85	27.84	25.2	0.058	1459.9
85.0	2.25	2.25	34.87	27.85	25.0	0.060	1460.6
90.0	2.31	2.31	34.88	27.85	24.5	0.061	1461.0
95.0	2.45	2.44	34.92	27.87	22.6	0.062	1461.7
100.0	2.33	2.32	34.89	27.86	24.2	0.063	1461.2
110.0	2.19	2.19	34.87	27.85	24.6	0.066	1460.8
120.0	2.07	2.06	34.88	27.87	22.7	0.068	1460.4
130.0	2.02	2.01	34.89	27.88	21.6	0.070	1460.3
140.0	1.97	1.96	34.90	27.89	21.0	0.073	1460.3
150.0	2.17	2.16	34.93	27.90	20.5	0.075	1461.4
160.0	2.14	2.14	34.93	27.90	20.1	0.077	1461.4
170.0	2.04	2.03	34.92	27.90	20.2	0.079	1461.1
180.0	2.01	2.00	34.91	27.90	20.6	0.081	1461.2
190.0	1.96	1.95	34.91	27.90	20.2	0.083	1461.1
200.0	1.95	1.94	34.92	27.91	19.4	0.085	1461.2
210.0	1.94	1.93	34.93	27.92	18.5	0.087	1461.4
220.0	1.94	1.92	34.95	27.93	17.4	0.089	1461.5
230.0	1.98	1.97	34.96	27.94	16.8	0.090	1461.9
240.0	1.93	1.92	34.96	27.95	16.4	0.092	1461.9
250.0	1.98	1.97	34.98	27.96	15.2	0.094	1462.3
260.0	2.00	1.98	35.00	27.97	14.3	0.095	1462.5
270.0	1.99	1.98	35.00	27.97	14.0	0.097	1462.7
280.0	1.98	1.97	35.00	27.97	13.9	0.098	1462.8
290.0	1.92	1.91	35.01	27.98	13.1	0.099	1462.7
300.0	1.88	1.87	35.00	27.98	13.1	0.101	1462.7
306.4	1.88	1.87	35.01	27.99	12.6	0.101	1462.8

DEPTH TEMP SALIN



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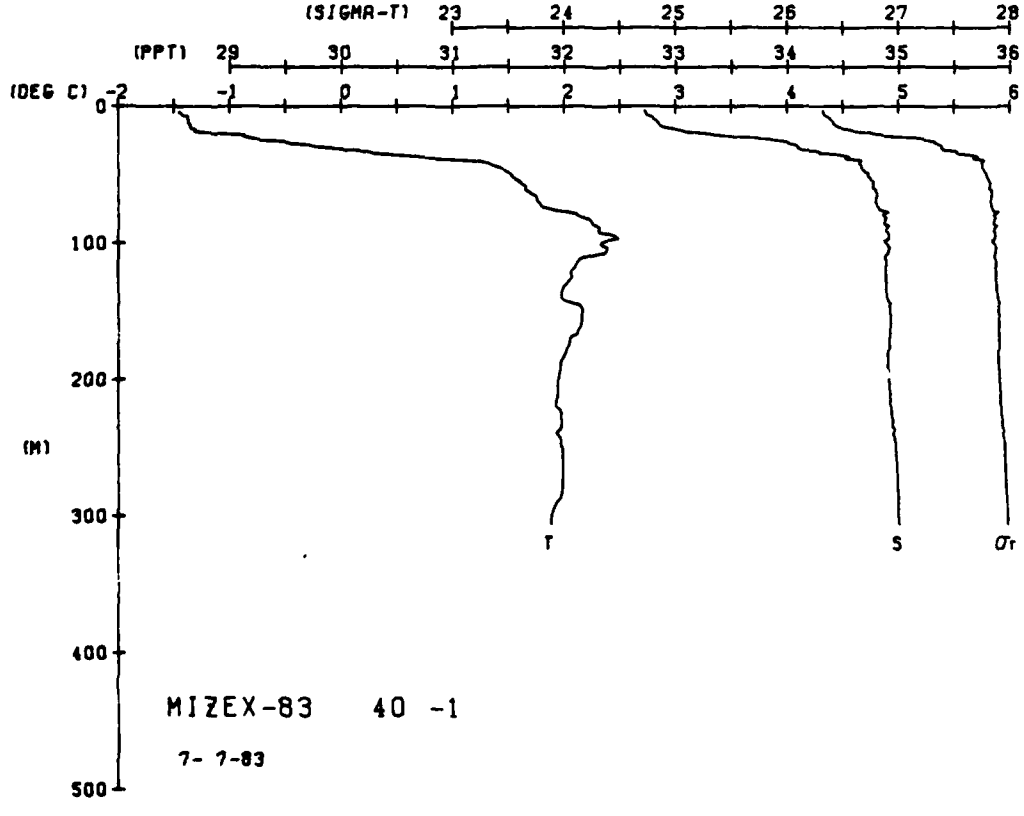

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MIZEX-83 STATION 41(1) CTD 7/JUL/1983 2210 GMT CODE = 1
LAT = 81.4500N LNG = -5.8000W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

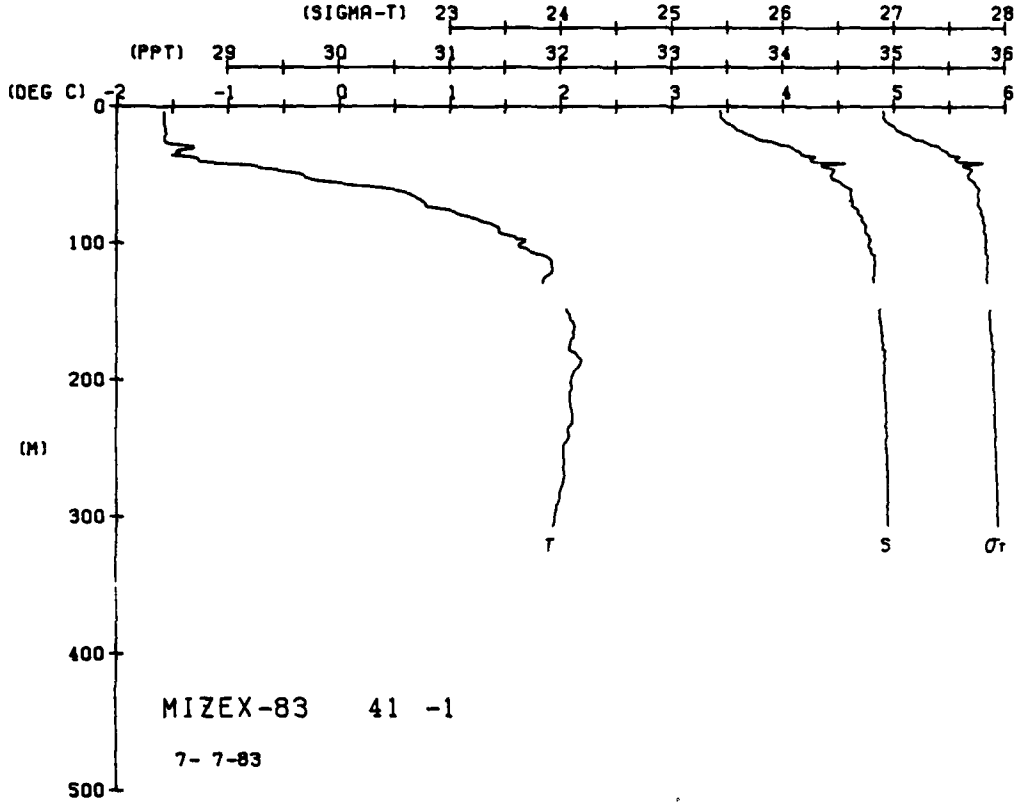
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.57	-1.57	33.43	26.90	114.5	*****	1439.8
1.9	-1.57	-1.57	33.43	26.90	114.5	*****	1439.8
5.0	-1.58	-1.58	33.44	26.91	113.5	*****	1439.9
10.0	-1.58	-1.58	33.45	26.92	112.4	*****	1440.0
15.0	-1.56	-1.56	33.56	27.00	104.2	*****	1440.3
20.0	-1.56	-1.56	33.65	27.08	97.1	*****	1440.5
25.0	-1.57	-1.57	33.81	27.21	84.8	*****	1440.7
30.0	-1.29	-1.29	34.08	27.42	65.3	*****	1442.5
35.0	-1.42	-1.42	34.15	27.48	59.3	*****	1442.1
40.0	-1.27	-1.27	34.25	27.56	51.9	*****	1443.1
45.0	-0.74	-0.74	34.37	27.63	45.0	*****	1445.7
50.0	-0.34	-0.34	34.43	27.67	41.6	*****	1447.8
55.0	-0.14	-0.14	34.51	27.72	36.5	*****	1448.9
60.0	0.35	0.35	34.59	27.76	33.1	*****	1451.3
65.0	0.65	0.65	34.62	27.76	32.9	*****	1452.8
70.0	0.76	0.75	34.63	27.77	32.4	*****	1453.4
75.0	0.88	0.88	34.67	27.78	30.6	*****	1454.1
80.0	1.12	1.11	34.71	27.80	28.9	*****	1455.3
85.0	1.32	1.32	34.73	27.81	28.3	*****	1456.3
90.0	1.45	1.44	34.75	27.81	28.1	*****	1457.0
95.0	1.56	1.55	34.78	27.83	26.3	*****	1457.6
100.0	1.66	1.65	34.77	27.81	28.4	*****	1458.1
110.0	1.88	1.87	34.83	27.85	24.8	*****	1459.3
120.0	1.92	1.92	34.83	27.84	26.0	*****	1459.7
129.1	1.84	1.84	34.83	27.84	25.3	*****	1459.5
130.0							
140.0							
147.9	2.05	2.04	34.88	27.87	22.9	*****	1460.8
150.0	2.06	2.05	34.88	27.87	23.4	*****	1460.8
160.0	2.12	2.11	34.89	27.87	22.9	*****	1461.3
170.0	2.10	2.09	34.89	27.88	22.7	*****	1461.4
180.0	2.12	2.11	34.92	27.90	20.3	*****	1461.6
190.0	2.17	2.16	34.92	27.90	20.9	*****	1462.1
200.0	2.10	2.09	34.92	27.90	20.9	*****	1461.9
210.0	2.08	2.07	34.93	27.91	19.7	*****	1462.0
220.0	2.09	2.08	34.93	27.91	19.8	*****	1462.2
230.0	2.11	2.10	34.94	27.91	19.5	*****	1462.5
240.0	2.08	2.07	34.95	27.92	18.8	*****	1462.5
250.0	2.03	2.02	34.94	27.92	18.7	*****	1462.5
260.0	2.03	2.02	34.94	27.92	18.6	*****	1462.6
270.0	2.04	2.02	34.95	27.93	18.4	*****	1462.8
280.0	2.00	1.98	34.95	27.93	18.1	*****	1462.8
290.0	1.98	1.96	34.95	27.93	17.8	*****	1462.9
300.0	1.95	1.93	34.95	27.93	17.8	*****	1462.9
306.9	1.93	1.91	34.95	27.94	17.3	*****	1463.0

DEPTH TEMP. SALIN

MIZEX-83 STATION 42(1) CTD 8/JUL/1983 1948 GMT CODE = 1
LAT = 81.3478N LNG = -7.6358W LTER = 30. LGER = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.58	-1.58	33.72	27.13	92.3	0.000	1440.1
4.4	-1.58	-1.58	33.72	27.13	92.2	0.004	1440.2
5.0	-1.59	-1.59	33.73	27.14	91.4	0.005	1440.2
10.0	-1.60	-1.60	33.86	27.25	81.1	0.009	1440.4
15.0	-1.61	-1.61	33.92	27.30	76.3	0.013	1440.6
20.0	-1.60	-1.60	34.02	27.38	69.0	0.017	1440.8
25.0	-1.57	-1.57	34.17	27.50	57.1	0.020	1441.3
30.0	-1.44	-1.44	34.26	27.57	50.9	0.023	1442.1
35.0	-1.41	-1.41	34.32	27.61	46.4	0.025	1442.4
40.0	-1.38	-1.38	34.33	27.62	45.6	0.027	1442.6
45.0	-1.36	-1.36	34.33	27.63	45.2	0.030	1442.8
50.0	-0.87	-0.87	34.39	27.66	42.5	0.032	1445.2
55.0	-0.59	-0.59	34.48	27.71	37.0	0.034	1446.8
60.0	0.28	0.28	34.53	27.71	37.4	0.036	1450.9
65.0	0.76	0.75	34.62	27.76	33.2	0.038	1453.3
70.0	0.89	0.88	34.66	27.78	31.2	0.039	1454.0
75.0	1.04	1.03	34.69	27.79	29.9	0.041	1454.8
80.0	1.12	1.11	34.70	27.80	29.2	0.042	1455.3
85.0	1.24	1.24	34.73	27.81	28.2	0.044	1456.0
90.0	1.33	1.33	34.75	27.83	26.9	0.045	1456.5
95.0	1.41	1.40	34.77	27.84	25.9	0.046	1456.9
100.0	1.45	1.45	34.79	27.85	24.9	0.048	1457.2
110.0	1.56	1.55	34.80	27.85	25.0	0.050	1457.9
120.0	1.68	1.67	34.82	27.86	24.2	0.053	1458.6
130.0	1.76	1.75	34.86	27.87	22.5	0.055	1459.2
140.0	1.87	1.87	34.87	27.88	22.3	0.057	1459.8
150.0	1.85	1.84	34.88	27.89	21.3	0.060	1459.9
160.0	1.80	1.79	34.89	27.90	20.5	0.062	1459.9
170.0	1.88	1.87	34.89	27.89	20.9	0.064	1460.4
180.0	1.94	1.93	34.92	27.91	19.1	0.066	1460.9
190.0	1.91	1.90	34.91	27.91	19.6	0.068	1460.9
200.0	1.82	1.81	34.91	27.92	18.8	0.070	1460.7
210.0	1.78	1.77	34.92	27.93	17.9	0.072	1460.6
220.0	1.76	1.75	34.91	27.92	18.5	0.073	1460.7
230.0	1.71	1.70	34.92	27.93	18.1	0.075	1460.7
240.0	1.64	1.63	34.92	27.94	17.1	0.077	1460.5
250.0	1.53	1.52	34.91	27.94	17.0	0.079	1460.2
260.0	1.45	1.44	34.92	27.95	16.1	0.080	1460.0
270.0	1.40	1.39	34.92	27.95	15.4	0.082	1460.0
280.0	1.28	1.27	34.91	27.95	15.6	0.084	1459.6
290.0	1.15	1.13	34.92	27.97	13.9	0.085	1459.2
300.0	1.10	1.09	34.92	27.97	13.5	0.086	1459.1
306.1	1.09	1.07	34.92	27.97	13.3	0.087	1459.2

DEPTH TEMP. SALIN



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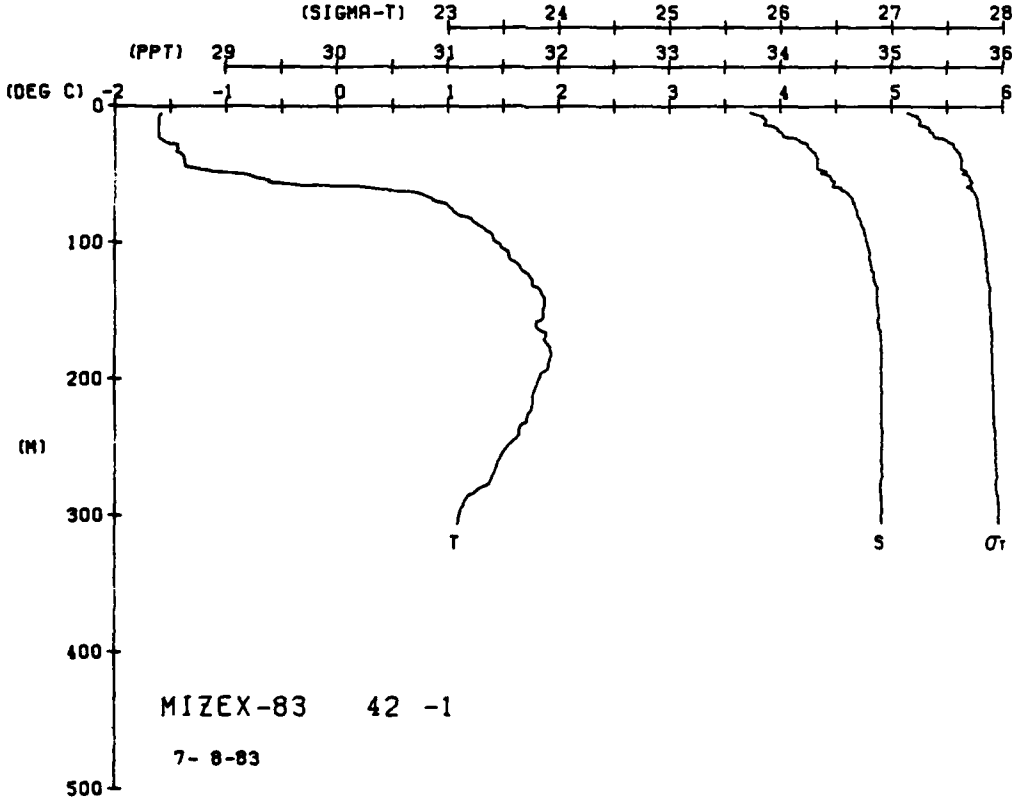

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MIZEX-83 STATION 43(1) CTD 8/JUL/1983 2032 GMT CODE = 1
LAT = 81.2300N LNG = -8.3700W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

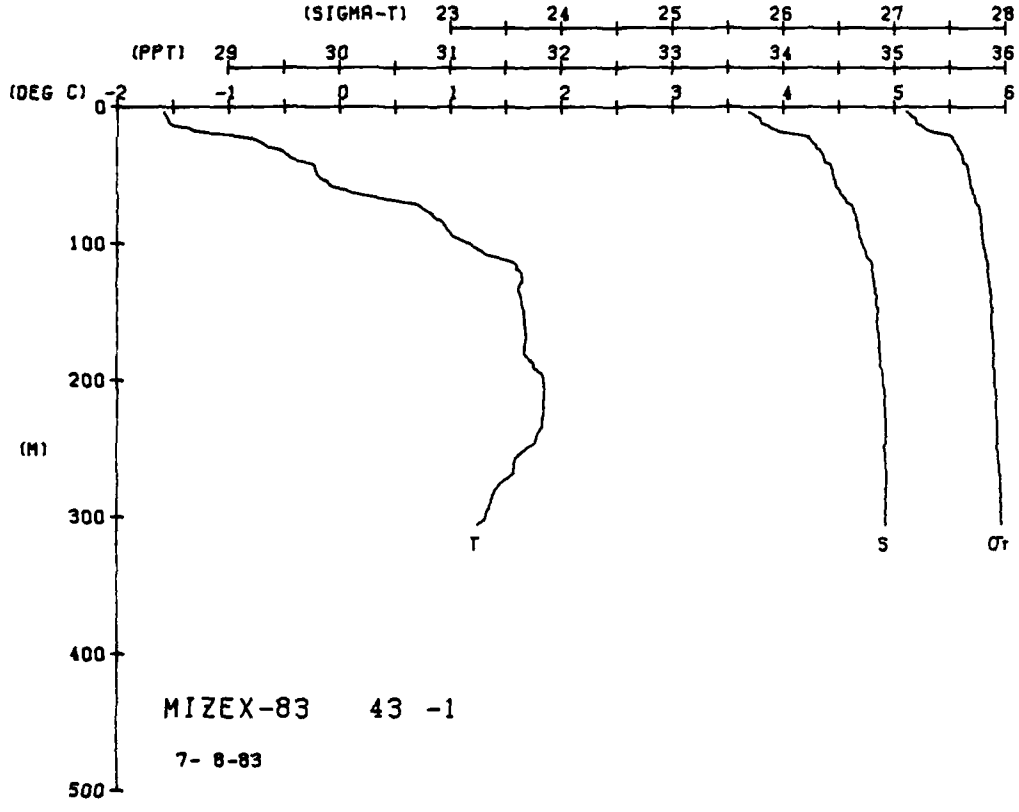
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.58	-1.58	33.70	27.12	93.9	0.000	1440.1
3.7	-1.58	-1.58	33.70	27.12	93.9	0.004	1440.2
5.0	-1.58	-1.58	33.70	27.12	93.3	0.005	1440.2
10.0	-1.54	-1.54	33.80	27.19	86.3	0.009	1440.6
15.0	-1.43	-1.43	33.88	27.26	79.7	0.013	1441.4
20.0	-1.11	-1.12	34.07	27.41	66.1	0.017	1443.2
25.0	-0.74	-0.74	34.25	27.54	53.9	0.020	1445.3
30.0	-0.63	-0.63	34.30	27.58	50.2	0.023	1445.9
35.0	-0.48	-0.48	34.36	27.61	46.7	0.025	1446.8
40.0	-0.38	-0.38	34.38	27.63	45.4	0.028	1447.4
45.0	-0.22	-0.22	34.44	27.67	41.4	0.030	1448.3
50.0	-0.20	-0.20	34.45	27.67	40.8	0.032	1448.5
55.0	-0.11	-0.11	34.48	27.69	39.3	0.034	1449.0
60.0	0.01	0.01	34.48	27.69	39.6	0.036	1449.6
65.0	0.22	0.22	34.54	27.72	36.4	0.038	1450.7
70.0	0.55	0.54	34.58	27.74	34.9	0.040	1452.4
75.0	0.74	0.74	34.63	27.76	32.6	0.041	1453.4
80.0	0.84	0.84	34.65	27.78	31.3	0.043	1454.0
85.0	0.93	0.93	34.67	27.78	30.6	0.045	1454.5
90.0	0.97	0.97	34.68	27.79	30.3	0.046	1454.8
95.0	1.02	1.02	34.69	27.79	29.7	0.048	1455.1
100.0	1.17	1.17	34.69	27.79	30.5	0.049	1455.8
110.0	1.39	1.39	34.76	27.83	26.8	0.052	1457.1
120.0	1.62	1.62	34.80	27.84	25.5	0.055	1458.3
130.0	1.63	1.62	34.82	27.86	24.3	0.057	1458.5
140.0	1.64	1.63	34.84	27.87	22.7	0.060	1458.8
150.0	1.67	1.66	34.85	27.88	22.0	0.062	1459.1
160.0	1.67	1.67	34.85	27.88	22.4	0.064	1459.3
170.0	1.68	1.67	34.87	27.89	21.1	0.066	1459.5
180.0	1.66	1.65	34.86	27.89	21.3	0.068	1459.6
190.0	1.76	1.75	34.88	27.89	21.1	0.071	1460.2
200.0	1.85	1.84	34.90	27.91	19.9	0.073	1460.8
210.0	1.84	1.83	34.91	27.91	19.4	0.075	1460.9
220.0	1.84	1.83	34.92	27.92	18.9	0.077	1461.1
230.0	1.83	1.81	34.92	27.92	18.3	0.078	1461.2
240.0	1.78	1.77	34.92	27.93	18.1	0.080	1461.2
250.0	1.68	1.67	34.92	27.93	17.5	0.082	1460.9
260.0	1.58	1.57	34.92	27.94	16.4	0.084	1460.6
270.0	1.54	1.53	34.92	27.94	16.4	0.085	1460.6
280.0	1.41	1.39	34.92	27.96	15.2	0.087	1460.2
290.0	1.36	1.34	34.92	27.95	15.4	0.089	1460.1
300.0	1.32	1.30	34.92	27.96	15.1	0.090	1460.1

DEPTH TEMP. SALIN

MIZEX-83 STATION 44(1) CTD 8/JUL/1983 2119 GMT CODE = 1
LAT = 81.2200N LNG = -6.8200W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.51	-1.51	32.15	25.86	213.1	0.000	1438.3
2.7	-1.51	-1.51	32.15	25.86	213.1	0.006	1438.3
5.0	-1.31	-1.31	32.65	26.26	175.4	0.010	1440.0
10.0	-0.86	-0.86	33.26	26.74	129.6	0.018	1443.1
15.0	-1.42	-1.42	33.94	27.31	75.3	0.023	1441.5
20.0	-1.40	-1.40	34.09	27.43	64.0	0.027	1441.9
25.0	-1.52	-1.52	34.29	27.59	48.5	0.030	1441.7
30.0	-1.61	-1.61	34.31	27.61	46.4	0.032	1441.3
35.0	-1.53	-1.53	34.34	27.64	44.3	0.034	1441.8
40.0	-1.45	-1.45	34.37	27.66	42.3	0.036	1442.3
45.0	-1.31	-1.32	34.39	27.67	40.8	0.039	1443.1
50.0	-1.11	-1.11	34.44	27.70	37.9	0.041	1444.2
55.0	-1.19	-1.19	34.44	27.71	37.4	0.042	1443.9
60.0	-0.55	-0.55	34.49	27.72	36.5	0.044	1447.1
65.0	0.35	0.35	34.47	27.66	42.1	0.046	1451.3
70.0	1.56	1.56	34.63	27.71	38.0	0.048	1457.0
75.0	1.58	1.57	34.74	27.80	29.7	0.050	1457.3
80.0	1.59	1.58	34.74	27.79	29.9	0.052	1457.4
85.0	1.59	1.59	34.74	27.80	29.7	0.053	1457.5
90.0	1.60	1.59	34.75	27.80	29.3	0.055	1457.6
95.0	1.68	1.68	34.72	27.77	31.8	0.056	1458.1
100.0	1.89	1.88	34.78	27.81	28.7	0.058	1459.1
110.0	2.08	2.07	34.82	27.82	27.6	0.060	1460.2
120.0	1.64	1.63	34.76	27.80	29.1	0.063	1458.3
130.0	1.73	1.72	34.82	27.85	25.0	0.066	1459.0
140.0	1.92	1.91	34.83	27.85	25.4	0.069	1460.0
150.0	2.42	2.41	34.90	27.86	24.2	0.071	1462.4
160.0	2.50	2.49	34.89	27.84	25.7	0.074	1462.9
170.0	2.20	2.19	34.87	27.85	24.8	0.076	1461.8
180.0	2.21	2.20	34.89	27.87	23.4	0.079	1462.0
190.0	2.23	2.22	34.92	27.89	21.3	0.081	1462.3
200.0	2.18	2.17	34.91	27.89	21.7	0.083	1462.3
210.0	2.27	2.26	34.93	27.89	21.3	0.085	1462.8
220.0	2.27	2.26	34.94	27.90	20.9	0.087	1463.0
230.0	2.20	2.19	34.93	27.90	20.8	0.090	1462.8
240.0	2.19	2.17	34.94	27.91	19.9	0.092	1463.0
250.0	2.15	2.14	34.94	27.91	19.9	0.094	1463.0
260.0	2.15	2.14	34.94	27.91	19.6	0.096	1463.1
270.0	2.07	2.05	34.94	27.92	18.8	0.098	1462.9
280.0	2.03	2.01	34.95	27.93	18.5	0.099	1462.9
290.0	2.01	1.99	34.94	27.93	18.6	0.101	1463.0
297.2	1.99	1.97	34.95	27.93	17.7	0.103	1463.1

DEPTH TEMP SALIN



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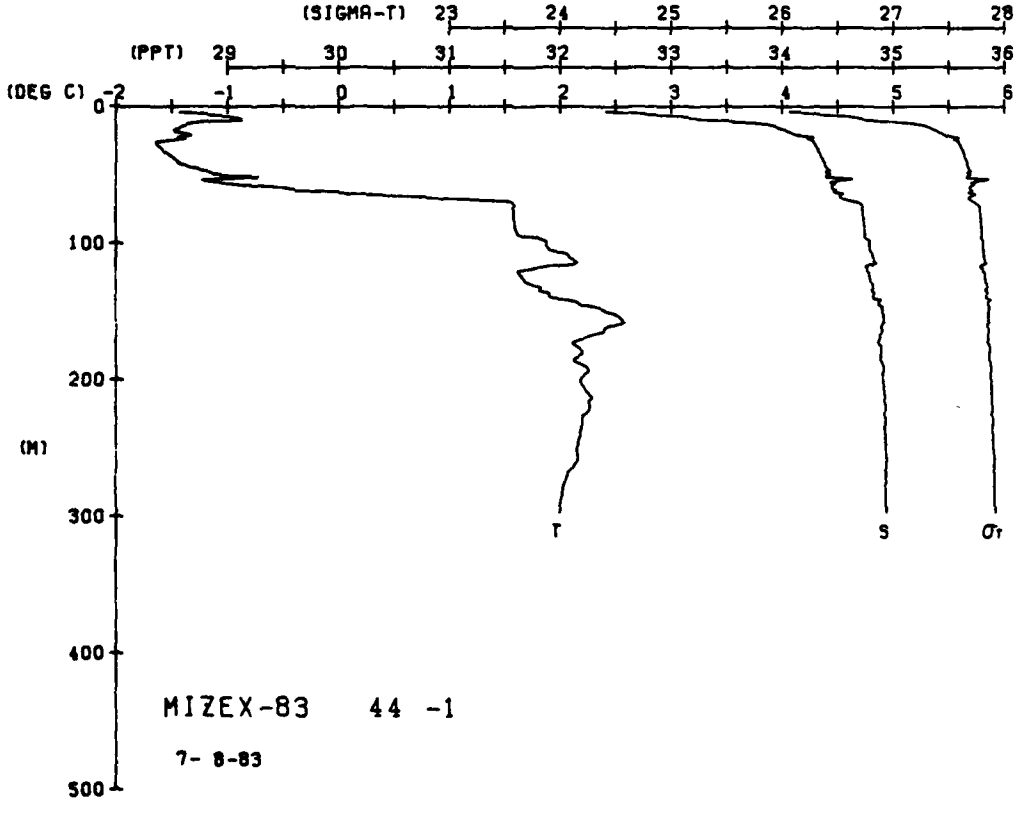

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MIZEX-83 STATION 45(1) CTD 8/JUL/1983 2202 GMT CODE = 1
LAT = 81.4600N LNG = -6.8400W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

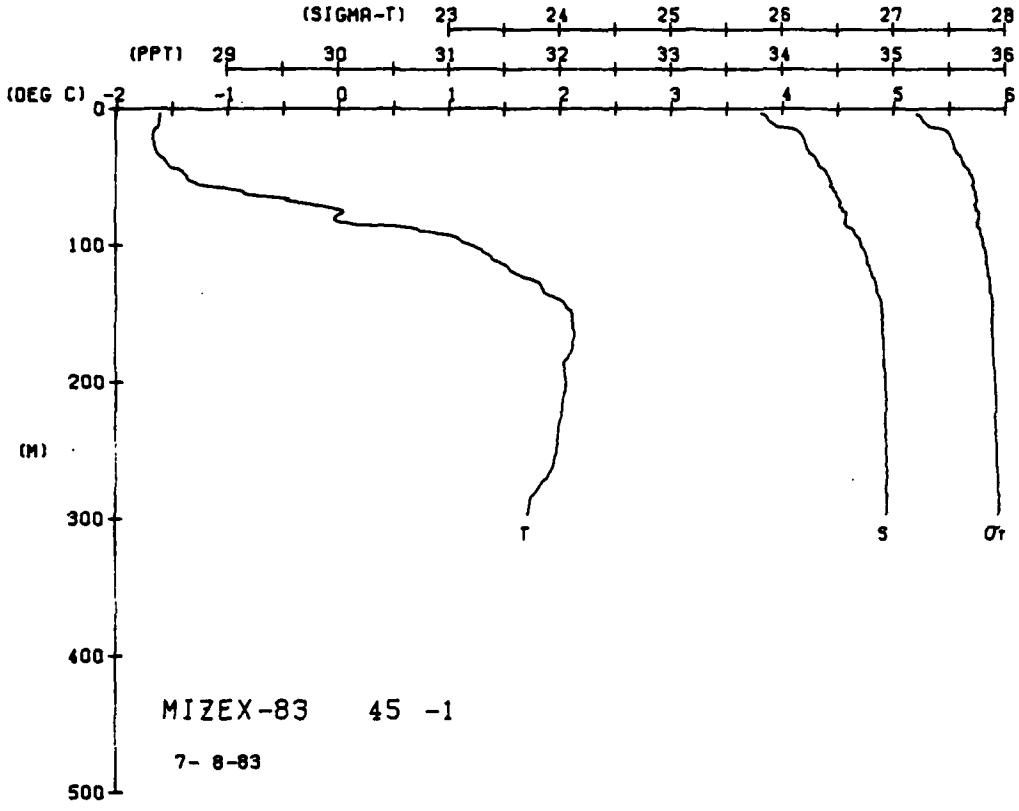
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.60	-1.60	33.81	27.21	84.9	0.000	1440.2
4.2	-1.60	-1.60	33.81	27.21	84.9	0.004	1440.3
5.0	-1.60	-1.60	33.83	27.22	83.6	0.004	1440.3
10.0	-1.61	-1.61	33.89	27.27	78.9	0.008	1440.4
15.0	-1.65	-1.65	34.07	27.42	64.8	0.012	1440.6
20.0	-1.67	-1.67	34.18	27.51	56.3	0.015	1440.7
25.0	-1.66	-1.66	34.19	27.52	55.1	0.018	1440.9
30.0	-1.65	-1.65	34.22	27.55	52.9	0.021	1441.0
35.0	-1.61	-1.61	34.29	27.60	48.1	0.023	1441.4
40.0	-1.54	-1.54	34.32	27.62	45.7	0.026	1441.9
45.0	-1.43	-1.43	34.38	27.67	41.2	0.028	1442.6
50.0	-1.36	-1.36	34.42	27.70	38.4	0.030	1443.0
55.0	-1.29	-1.29	34.45	27.72	36.7	0.032	1443.5
60.0	-0.92	-0.92	34.47	27.72	36.4	0.034	1445.3
65.0	-0.61	-0.61	34.49	27.72	36.3	0.035	1446.9
70.0	-0.29	-0.29	34.50	27.72	36.6	0.037	1448.4
75.0	0.04	0.04	34.56	27.75	34.0	0.039	1450.1
80.0	-0.03	-0.04	34.58	27.77	32.2	0.041	1449.9
85.0	0.15	0.15	34.58	27.76	33.2	0.042	1450.8
90.0	0.74	0.74	34.64	27.78	31.3	0.044	1453.7
95.0	1.06	1.06	34.69	27.79	30.0	0.045	1455.3
100.0	1.17	1.17	34.71	27.80	28.9	0.047	1455.8
110.0	1.38	1.38	34.76	27.83	26.6	0.050	1457.0
120.0	1.58	1.58	34.80	27.85	25.1	0.052	1458.1
130.0	1.83	1.83	34.85	27.87	23.4	0.055	1459.5
140.0	1.99	1.98	34.88	27.87	22.7	0.057	1460.4
150.0	2.11	2.11	34.90	27.88	22.2	0.059	1461.1
160.0	2.12	2.11	34.91	27.89	21.4	0.062	1461.3
170.0	2.12	2.11	34.92	27.90	20.8	0.064	1461.5
180.0	2.09	2.07	34.91	27.89	21.0	0.066	1461.5
190.0	2.05	2.04	34.92	27.91	20.0	0.068	1461.5
200.0	2.05	2.04	34.92	27.91	20.1	0.070	1461.7
210.0	2.03	2.02	34.93	27.91	19.4	0.072	1461.8
220.0	2.01	2.00	34.93	27.92	19.0	0.074	1461.9
230.0	1.99	1.98	34.93	27.92	19.0	0.076	1461.9
240.0	1.98	1.96	34.93	27.92	19.2	0.078	1462.0
250.0	1.96	1.95	34.93	27.92	18.7	0.080	1462.1
260.0	1.94	1.92	34.93	27.92	19.1	0.082	1462.2
270.0	1.88	1.87	34.94	27.93	17.6	0.083	1462.1
280.0	1.78	1.77	34.93	27.94	17.4	0.085	1461.9
290.0	1.72	1.71	34.94	27.95	16.3	0.087	1461.8

DEPTH TEMP. SALIN

MIZEX-83 STATION 46(1) CTD 8/JUL/1983 2253 GMT CODE = 1
LAT = 81.4500N LNG = -8.4600W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.60	-1.60	33.79	27.19	86.5	0.000	1440.2
3.9	-1.60	-1.60	33.79	27.19	86.5	0.003	1440.2
5.0	-1.60	-1.60	33.78	27.18	87.6	0.004	1440.2
10.0	-1.60	-1.60	33.82	27.21	84.5	0.009	1440.4
15.0	-1.60	-1.60	33.90	27.28	78.4	0.013	1440.6
20.0	-1.60	-1.60	33.95	27.32	73.9	0.017	1440.7
25.0	-1.66	-1.66	34.10	27.44	62.6	0.020	1440.7
30.0	-1.69	-1.69	34.15	27.48	58.7	0.023	1440.8
35.0	-1.63	-1.63	34.22	27.54	53.5	0.026	1441.2
40.0	-1.59	-1.59	34.24	27.55	52.1	0.029	1441.5
45.0	-1.44	-1.44	34.26	27.57	50.3	0.031	1442.4
50.0	-1.36	-1.36	34.27	27.58	49.8	0.034	1442.8
55.0	-0.87	-0.87	34.30	27.58	49.3	0.036	1445.2
60.0	-0.44	-0.44	34.40	27.65	43.4	0.039	1447.4
65.0	-0.31	-0.31	34.44	27.67	41.2	0.041	1448.2
70.0	0.05	0.05	34.48	27.68	40.3	0.043	1450.0
75.0	0.14	0.14	34.50	27.70	38.5	0.045	1450.5
80.0	0.42	0.41	34.54	27.71	37.5	0.047	1451.9
85.0	0.62	0.61	34.56	27.72	36.9	0.049	1452.9
90.0	1.08	1.08	34.61	27.73	36.0	0.051	1455.2
95.0	1.27	1.27	34.65	27.75	34.4	0.052	1456.1
100.0	1.36	1.36	34.68	27.76	32.9	0.054	1456.7
110.0	1.54	1.54	34.72	27.79	30.7	0.057	1457.7
120.0	1.72	1.72	34.76	27.80	29.3	0.060	1458.7
130.0	1.87	1.86	34.80	27.82	27.9	0.063	1459.6
140.0	1.99	1.98	34.83	27.84	26.2	0.066	1460.3
150.0	2.07	2.06	34.85	27.84	25.6	0.069	1460.8
160.0	2.14	2.14	34.87	27.85	24.7	0.071	1461.4
170.0	2.17	2.16	34.88	27.86	23.8	0.073	1461.7
180.0	2.24	2.23	34.90	27.88	22.9	0.076	1462.2
190.0	2.24	2.23	34.91	27.88	22.2	0.078	1462.3
200.0	2.23	2.22	34.92	27.89	22.0	0.080	1462.5
210.0	2.24	2.23	34.92	27.89	22.1	0.083	1462.7
220.0	2.22	2.20	34.93	27.90	20.8	0.085	1462.8
230.0	2.21	2.20	34.93	27.90	20.9	0.087	1462.9
240.0	2.23	2.21	34.94	27.91	20.1	0.089	1463.2
250.0	2.18	2.17	34.94	27.91	20.0	0.091	1463.1
260.0	2.18	2.17	34.94	27.91	19.8	0.093	1463.3
270.0	2.14	2.13	34.95	27.92	19.3	0.095	1463.3
280.0	2.13	2.12	34.94	27.92	19.5	0.097	1463.4
290.0	2.09	2.07	34.95	27.92	18.9	0.099	1463.4
300.0	1.95	1.94	34.94	27.93	18.3	0.101	1463.0
303.2	1.92	1.91	34.94	27.93	17.9	0.101	1462.9

DEPTH TEMP. SALIN



MIZEX-83 45 -1

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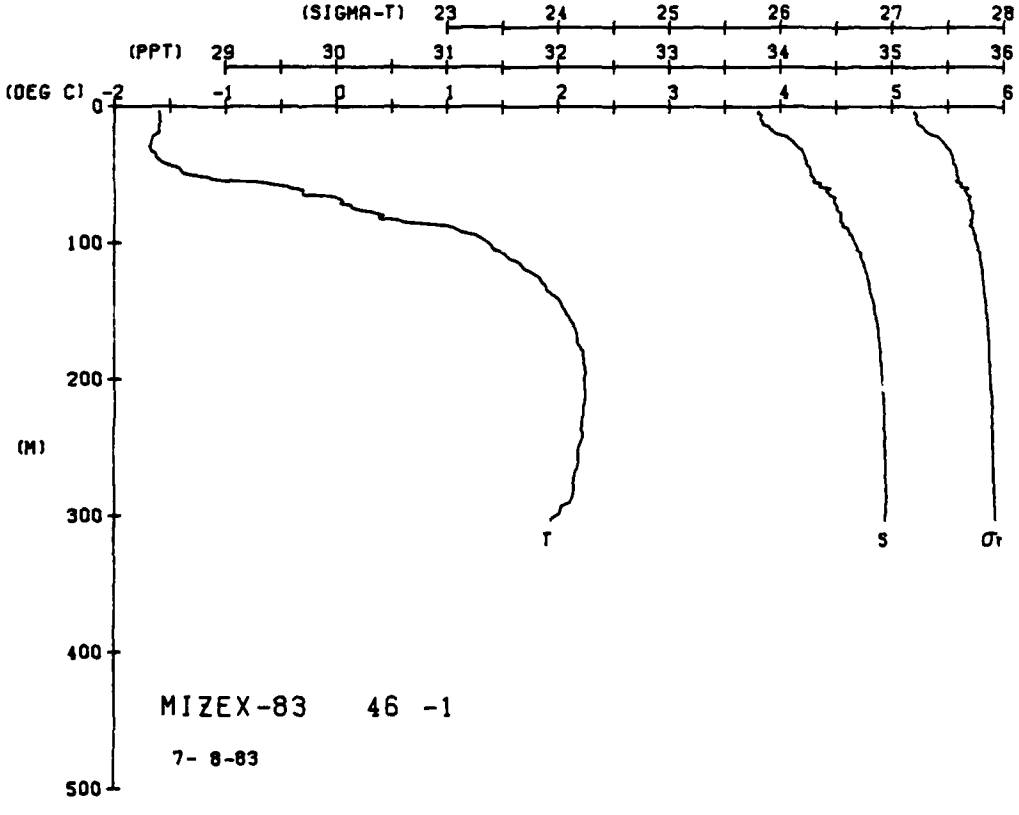


MIZEX-83 46 -1

7- 8-83

MIZEX-83 STATION 47(1) CTD 11/JUL/1983 1356 GMT CODE = 1
LAT = 80.3667N LNG = -2.9717W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

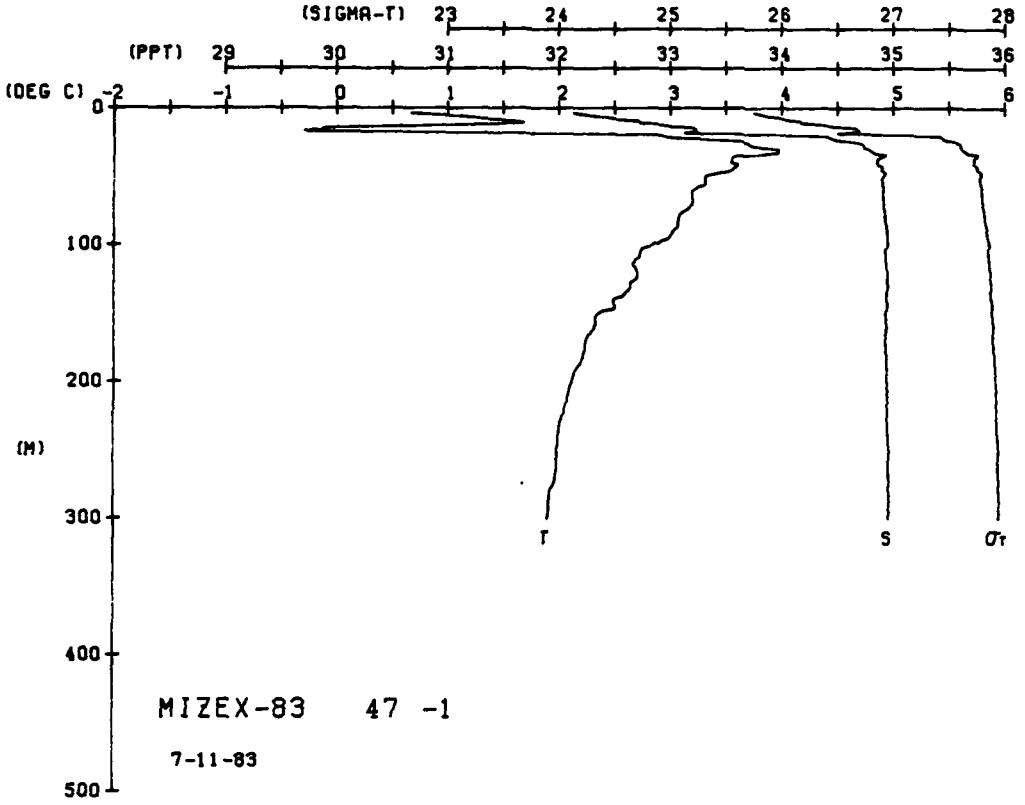
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.49	0.49	32.14	25.78	220.9	0.000	1447.5
3.2	0.49	0.48	32.14	25.78	220.9	0.007	1447.6
5.0	0.84	0.84	32.18	25.79	219.6	0.011	1449.3
10.0	1.58	1.58	32.71	26.17	183.9	0.021	1453.4
15.0	-0.15	-0.15	33.23	26.69	134.6	0.029	1446.4
20.0	2.90	2.90	34.02	27.11	94.4	0.035	1461.2
25.0	3.63	3.63	34.63	27.53	54.5	0.039	1465.2
30.0	3.88	3.88	34.72	27.58	50.3	0.042	1466.5
35.0	3.70	3.70	34.93	27.76	32.8	0.044	1466.1
40.0	3.53	3.53	34.86	27.72	36.6	0.045	1465.3
45.0	3.56	3.55	34.89	27.75	34.5	0.047	1465.6
50.0	3.33	3.32	34.91	27.78	31.4	0.049	1464.7
55.0	3.31	3.31	34.91	27.78	31.2	0.051	1464.7
60.0	3.21	3.21	34.91	27.80	29.8	0.052	1464.4
65.0	3.19	3.19	34.90	27.79	30.4	0.054	1464.4
70.0	3.20	3.20	34.92	27.80	29.4	0.055	1464.5
75.0	3.15	3.14	34.93	27.81	28.3	0.057	1464.4
80.0	3.07	3.07	34.92	27.82	28.0	0.058	1464.1
85.0	3.06	3.06	34.94	27.83	26.7	0.059	1464.2
90.0	3.02	3.01	34.95	27.85	25.4	0.061	1464.1
95.0	2.98	2.98	34.95	27.85	25.3	0.062	1464.0
100.0	2.83	2.83	34.95	27.86	24.1	0.063	1463.5
110.0	2.71	2.71	34.93	27.85	24.7	0.066	1463.1
120.0	2.70	2.70	34.95	27.87	22.8	0.068	1463.3
130.0	2.64	2.63	34.95	27.88	22.5	0.070	1463.1
140.0	2.49	2.48	34.94	27.88	22.0	0.073	1462.6
150.0	2.35	2.35	34.93	27.89	21.8	0.075	1462.2
160.0	2.32	2.31	34.94	27.90	20.5	0.077	1462.2
170.0	2.24	2.23	34.93	27.90	20.9	0.079	1462.0
180.0	2.22	2.21	34.94	27.91	20.0	0.081	1462.1
190.0	2.16	2.15	34.94	27.91	19.2	0.083	1462.0
200.0	2.11	2.10	34.95	27.92	18.5	0.085	1462.0
210.0	2.08	2.06	34.95	27.92	18.5	0.087	1462.0
220.0	2.05	2.04	34.95	27.93	18.0	0.089	1462.1
230.0	2.01	2.00	34.96	27.94	17.1	0.091	1462.1
240.0	1.99	1.98	34.96	27.94	16.8	0.092	1462.2
250.0	1.98	1.97	34.96	27.94	17.0	0.094	1462.3
260.0	1.99	1.97	34.96	27.94	16.7	0.096	1462.5
270.0	1.97	1.95	34.96	27.94	16.7	0.097	1462.5
280.0	1.92	1.91	34.96	27.95	16.2	0.099	1462.5
290.0	1.91	1.89	34.97	27.96	15.5	0.101	1462.6
300.0	1.90	1.88	34.96	27.95	16.2	0.102	1462.7
301.7	1.90	1.88	34.97	27.95	16.0	0.103	1462.8

DEPTH TEMP SALIN

MIZEX-83 STATION 48(1) CTD 11/JUL/1983 1436 GMT CODE = 1
LAT = 80.3733N LNG = -2.3550W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.07	-1.07	32.18	25.87	211.8	*****	1440.4
1.9	-1.07	-1.07	32.18	25.87	211.8	*****	1440.4
5.0	-1.06	-1.06	32.23	25.91	208.0	*****	1440.6
10.0	-1.24	-1.24	32.43	26.07	192.5	*****	1440.1
15.0	-1.55	-1.55	32.81	26.39	162.5	*****	1439.2
20.0	-1.54	-1.54	33.55	27.00	105.0	*****	1440.4
25.0	-1.69	-1.69	33.98	27.35	71.7	*****	1440.4
30.0	-1.75	-1.75	34.06	27.42	65.1	*****	1440.3
35.0	-1.72	-1.72	34.10	27.44	62.5	*****	1440.6
40.0	-1.61	-1.61	34.15	27.48	58.7	*****	1441.3
45.0	-1.69	-1.69	34.17	27.50	56.8	*****	1441.0
50.0	-1.42	-1.42	34.19	27.51	55.8	*****	1442.4
55.0	-1.11	-1.11	34.26	27.56	51.8	*****	1444.0
60.0	-0.66	-0.66	34.31	27.58	49.7	*****	1446.3
65.0	-0.30	-0.31	34.45	27.68	40.6	*****	1448.2
70.0	0.05	0.04	34.53	27.72	36.2	*****	1450.0
75.0	0.16	0.16	34.53	27.72	36.3	*****	1450.6
80.0	0.34	0.34	34.54	27.72	36.8	*****	1451.5
85.0	0.59	0.59	34.63	27.78	31.2	*****	1452.9
90.0	0.80	0.80	34.63	27.76	33.2	*****	1453.9
95.0	1.10	1.10	34.70	27.79	29.8	*****	1455.4
100.0	1.20	1.19	34.74	27.82	27.2	*****	1456.0
110.0	1.56	1.55	34.79	27.84	25.6	*****	1457.9
120.0	1.70	1.69	34.82	27.86	24.3	*****	1458.7
130.0	2.01	2.00	34.86	27.86	24.1	*****	1460.3
140.0	1.96	1.95	34.87	27.87	22.9	*****	1460.2
150.0	1.90	1.89	34.87	27.88	22.3	*****	1460.1
160.0	1.87	1.87	34.89	27.89	21.2	*****	1460.2
170.0	1.92	1.91	34.90	27.90	20.6	*****	1460.6
180.0	1.91	1.90	34.90	27.90	20.5	*****	1460.7
190.0	1.96	1.95	34.91	27.91	19.8	*****	1461.1
200.0	1.97	1.96	34.93	27.92	18.5	*****	1461.3
210.0	1.88	1.87	34.92	27.92	18.9	*****	1461.1
220.0	2.06	2.05	34.95	27.93	17.9	*****	1462.1
230.0	1.91	1.89	34.93	27.93	18.1	*****	1461.6
240.0	1.82	1.81	34.92	27.92	18.3	*****	1461.3
250.0	1.68	1.66	34.92	27.93	17.5	*****	1460.9
256.8	1.61	1.59	34.91	27.93	17.6	*****	1460.6
260.0							
269.8	1.64	1.62	34.94	27.95	16.0	*****	1461.0
270.0	1.64	1.63	34.93	27.95	16.4	*****	1461.0
280.0	1.56	1.54	34.93	27.95	15.7	*****	1460.9
290.0	1.68	1.66	34.95	27.95	15.6	*****	1461.6
292.8	1.69	1.68	34.94	27.95	16.5	*****	1461.7

DEPTH TEMP. SALIN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0
100
200
(M)
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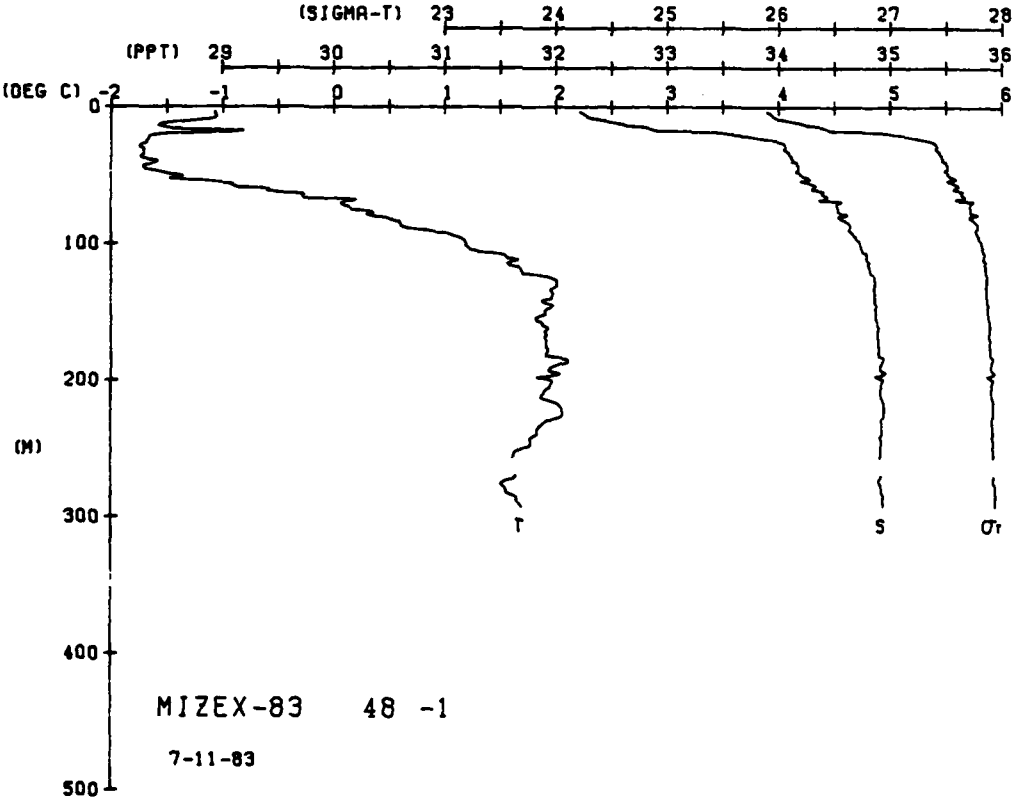
MIZEX-83 47 -1
7-11-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
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300
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MIZEX-83 48 -1
7-11-83

MIZEX-83 STATION 49(1) CTD 11/JUL/1983 1523 GMT CODE = 1
LAT = 80.3600N LNG = -1.7300W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

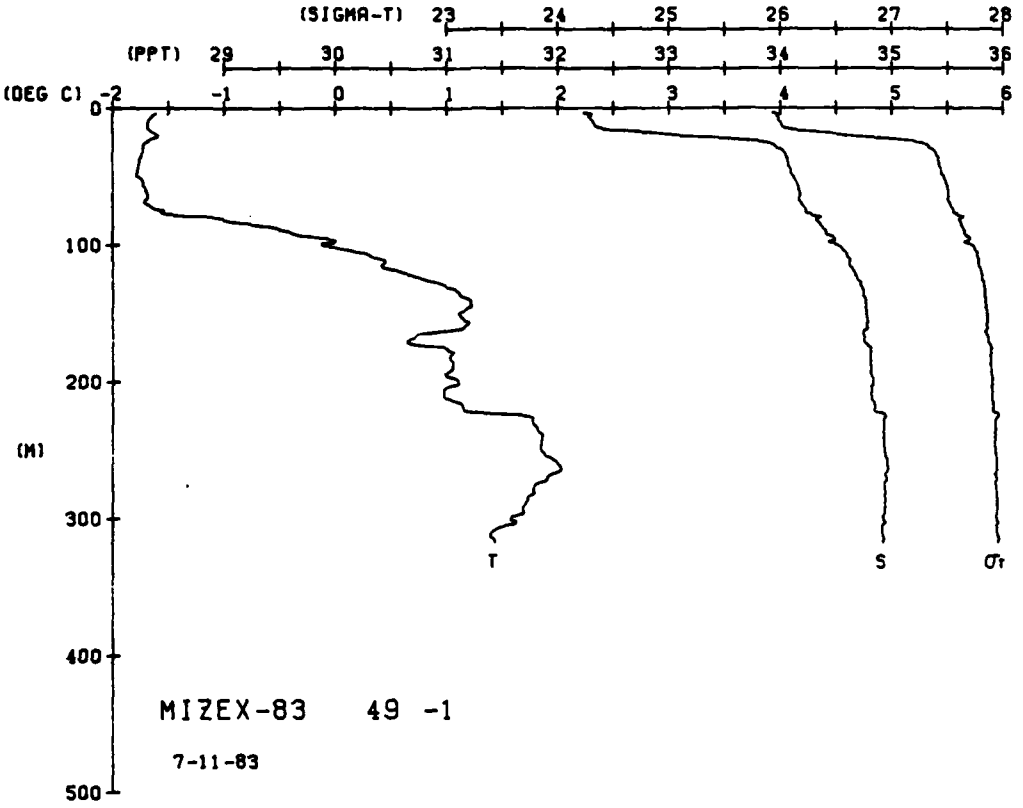
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.18	-1.18	31.66	25.45	251.8	0.000	1439.1
1.9	-1.18	-1.18	31.66	25.45	251.8	0.005	1439.2
5.0	-1.64	-1.64	32.29	25.97	202.2	0.012	1437.9
10.0	-1.68	-1.68	32.31	25.99	200.3	0.022	1437.8
15.0	-1.69	-1.69	32.36	26.03	196.6	0.032	1438.0
20.0	-1.59	-1.59	32.99	26.54	148.1	0.041	1439.4
25.0	-1.69	-1.69	33.78	27.19	86.8	0.047	1440.1
30.0	-1.73	-1.73	33.97	27.34	72.0	0.051	1440.3
35.0	-1.75	-1.75	34.04	27.40	66.6	0.054	1440.4
40.0	-1.77	-1.77	34.08	27.43	64.0	0.058	1440.4
45.0	-1.78	-1.78	34.09	27.44	62.9	0.061	1440.5
50.0	-1.78	-1.79	34.11	27.46	60.9	0.064	1440.6
55.0	-1.73	-1.73	34.14	27.48	58.8	0.067	1441.0
60.0	-1.70	-1.71	34.16	27.50	57.3	0.070	1441.2
65.0	-1.68	-1.68	34.17	27.51	56.5	0.073	1441.4
70.0	-1.70	-1.70	34.20	27.53	54.2	0.076	1441.4
75.0	-1.55	-1.55	34.25	27.56	51.1	0.078	1442.3
80.0	-1.17	-1.17	34.37	27.65	43.2	0.081	1444.3
85.0	-0.79	-0.80	34.36	27.63	44.9	0.083	1446.2
90.0	-0.49	-0.49	34.41	27.65	42.7	0.085	1447.7
95.0	-0.18	-0.18	34.48	27.70	38.7	0.087	1449.3
100.0	-0.13	-0.14	34.49	27.70	38.2	0.089	1449.6
110.0	0.35	0.35	34.61	27.77	31.8	0.093	1452.2
120.0	0.56	0.56	34.67	27.81	28.5	0.096	1453.4
130.0	0.97	0.96	34.72	27.82	27.3	0.099	1455.4
140.0	1.19	1.18	34.76	27.84	25.3	0.101	1456.7
150.0	1.12	1.11	34.76	27.85	24.8	0.104	1456.5
160.0	1.16	1.15	34.78	27.86	23.9	0.106	1456.9
170.0	0.64	0.64	34.75	27.86	23.1	0.109	1454.7
180.0	1.06	1.05	34.81	27.89	21.4	0.111	1456.8
190.0	1.05	1.04	34.81	27.89	20.7	0.113	1456.9
200.0	1.11	1.10	34.83	27.90	19.7	0.115	1457.4
210.0	0.97	0.96	34.82	27.90	19.9	0.117	1456.9
220.0	1.15	1.14	34.85	27.91	19.0	0.119	1457.9
230.0	1.77	1.76	34.93	27.93	17.5	0.121	1461.0
240.0	1.86	1.85	34.93	27.93	18.0	0.123	1461.5
250.0	1.85	1.83	34.93	27.93	18.0	0.124	1461.6
260.0	1.99	1.97	34.96	27.94	17.1	0.126	1462.5
270.0	1.90	1.89	34.96	27.94	16.6	0.128	1462.2
280.0	1.77	1.76	34.94	27.94	17.2	0.130	1461.8
290.0	1.70	1.68	34.94	27.94	16.6	0.131	1461.6
300.0	1.57	1.55	34.92	27.94	17.0	0.133	1461.2
310.0	1.40	1.39	34.91	27.94	16.5	0.135	1460.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 50(1) CTD 11/JUL/1983 1609 GMT CODE = 1
LAT = 80.3617N LNG = -1.0567W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

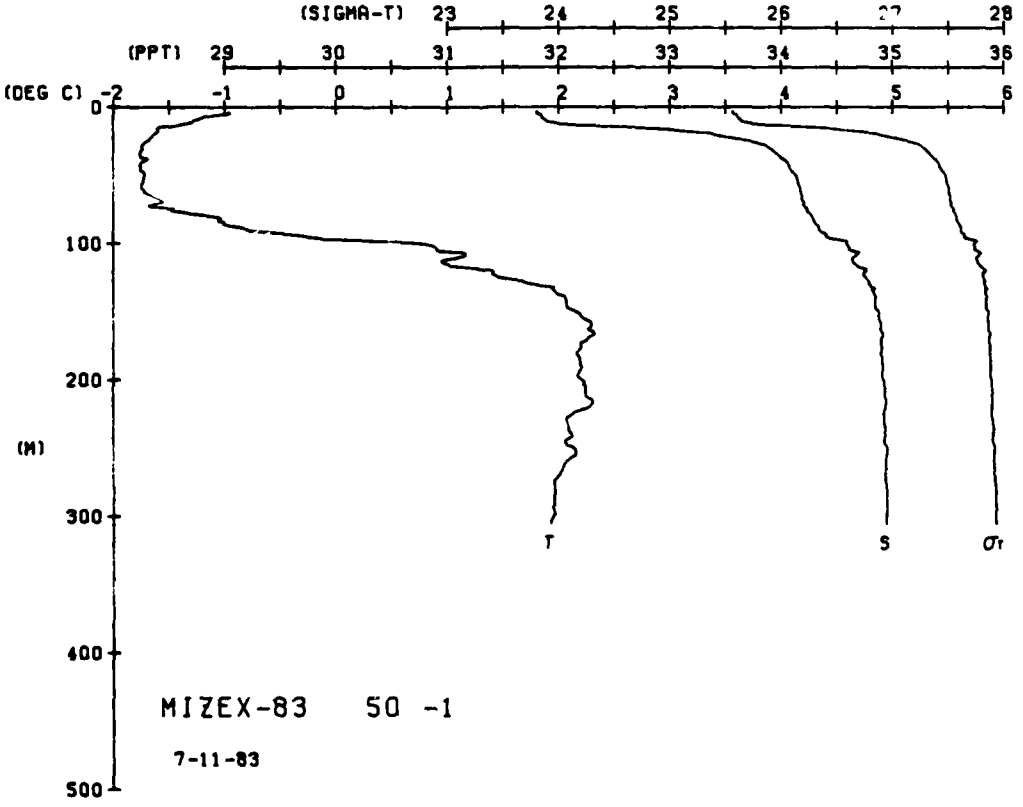
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.96	-0.96	31.80	25.56	241.4	0.000	1440.4
1.9	-0.96	-0.96	31.80	25.56	241.4	0.005	1440.4
5.0	-0.95	-0.95	31.81	25.57	240.5	0.012	1440.5
10.0	-1.27	-1.27	31.88	25.63	234.3	0.024	1439.2
15.0	-1.59	-1.59	32.55	26.18	182.4	0.035	1438.7
20.0	-1.64	-1.64	33.36	26.85	119.2	0.042	1439.7
25.0	-1.70	-1.70	33.69	27.11	93.8	0.048	1440.0
30.0	-1.75	-1.75	33.89	27.28	78.4	0.052	1440.1
35.0	-1.76	-1.76	33.96	27.34	72.7	0.056	1440.3
40.0	-1.73	-1.73	34.05	27.40	66.2	0.059	1440.6
45.0	-1.75	-1.75	34.08	27.43	63.4	0.063	1440.6
50.0	-1.72	-1.72	34.14	27.48	59.2	0.066	1440.9
55.0	-1.74	-1.74	34.15	27.49	58.2	0.069	1440.9
60.0	-1.75	-1.75	34.17	27.50	56.8	0.072	1441.0
65.0	-1.67	-1.67	34.18	27.51	56.1	0.075	1441.5
70.0	-1.55	-1.55	34.20	27.52	54.8	0.077	1442.1
75.0	-1.45	-1.45	34.24	27.55	52.3	0.080	1442.7
80.0	-1.17	-1.17	34.28	27.58	49.8	0.083	1444.2
85.0	-1.00	-1.00	34.31	27.60	48.0	0.085	1445.1
90.0	-0.80	-0.81	34.34	27.61	46.5	0.087	1446.2
95.0	-0.30	-0.31	34.40	27.63	44.6	0.090	1448.6
100.0	0.71	0.71	34.58	27.73	36.0	0.092	1453.6
110.0	1.14	1.14	34.65	27.75	33.8	0.095	1455.8
120.0	1.37	1.36	34.76	27.83	26.4	0.098	1457.1
130.0	1.74	1.73	34.80	27.83	26.6	0.101	1459.0
140.0	2.07	2.06	34.85	27.84	25.7	0.104	1460.7
150.0	2.16	2.15	34.88	27.86	23.9	0.106	1461.3
160.0	2.30	2.29	34.90	27.87	23.7	0.109	1462.1
170.0	2.27	2.26	34.90	27.87	23.3	0.111	1462.1
180.0	2.17	2.16	34.90	27.88	22.6	0.113	1461.8
190.0	2.21	2.19	34.92	27.89	21.6	0.116	1462.2
200.0	2.21	2.20	34.93	27.90	21.0	0.118	1462.4
210.0	2.25	2.24	34.94	27.90	20.5	0.120	1462.8
220.0	2.28	2.27	34.94	27.90	20.5	0.122	1463.1
230.0	2.07	2.06	34.93	27.91	19.8	0.124	1462.3
240.0	2.13	2.11	34.94	27.91	19.6	0.126	1462.7
250.0	2.14	2.13	34.96	27.93	18.1	0.128	1463.0
260.0	2.07	2.06	34.94	27.92	19.0	0.130	1462.8
270.0	2.02	2.00	34.94	27.92	18.9	0.132	1462.7
280.0	1.97	1.96	34.95	27.94	17.5	0.133	1462.7
290.0	1.96	1.94	34.95	27.94	17.5	0.135	1462.8
300.0	1.96	1.94	34.96	27.94	17.1	0.137	1463.0
306.4	1.93	1.91	34.96	27.94	17.0	0.138	1463.0

DEPTH TEMP. SALIN



MIZEX-83 49 -1

7-11-83



MIZEX-83 50 -1

7-11-83

MIZEX-83 STATION 51(1) CTD 11/JUL/1983 1650 GMT CODE = 1
LAT = 80 3700N LNG = -0 4250W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

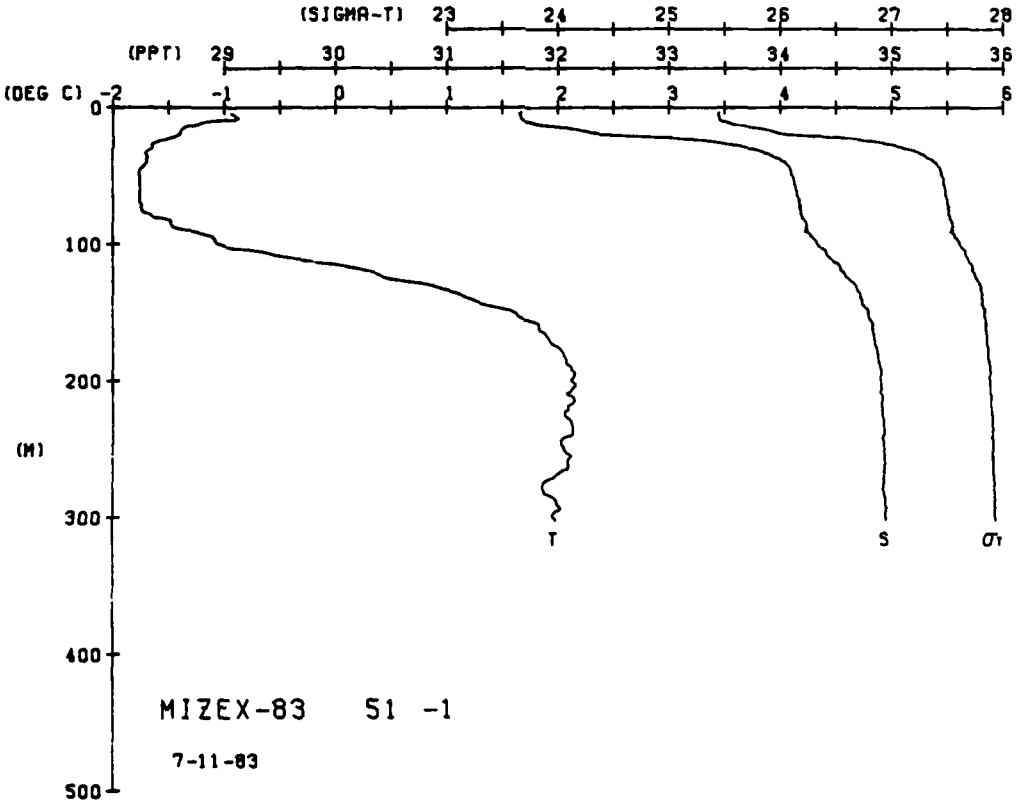
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.98	-0.98	31.66	25.44	252.7	0.000	1440.1
1.9	-0.98	-0.98	31.66	25.44	252.7	0.005	1440.1
5.0	-0.91	-0.91	31.67	25.45	252.1	0.013	1440.5
10.0	-1.13	-1.13	31.68	25.47	250.0	0.025	1439.6
15.0	-1.37	-1.37	32.05	25.77	221.0	0.037	1439.0
20.0	-1.42	-1.42	32.39	26.05	194.9	0.048	1439.4
25.0	-1.61	-1.61	33.33	26.82	121.7	0.056	1439.9
30.0	-1.65	-1.65	33.70	27.12	93.5	0.061	1440.3
35.0	-1.70	-1.70	33.91	27.29	77.2	0.066	1440.4
40.0	-1.68	-1.68	34.03	27.39	67.9	0.069	1440.8
45.0	-1.75	-1.75	34.09	27.44	63.1	0.073	1440.6
50.0	-1.76	-1.76	34.10	27.45	61.9	0.076	1440.7
55.0	-1.76	-1.76	34.12	27.47	60.2	0.079	1440.8
60.0	-1.75	-1.76	34.15	27.49	58.3	0.082	1440.9
65.0	-1.76	-1.76	34.15	27.49	58.0	0.085	1441.0
70.0	-1.75	-1.75	34.16	27.50	56.9	0.088	1441.1
75.0	-1.73	-1.73	34.18	27.52	55.5	0.091	1441.3
80.0	-1.64	-1.64	34.19	27.52	54.8	0.093	1441.9
85.0	-1.48	-1.48	34.23	27.55	52.5	0.096	1442.8
90.0	-1.35	-1.35	34.25	27.56	51.3	0.099	1443.5
95.0	-1.10	-1.10	34.28	27.57	50.2	0.101	1444.8
100.0	-1.05	-1.05	34.32	27.61	46.9	0.104	1445.2
110.0	-0.43	-0.43	34.45	27.68	39.8	0.108	1448.4
120.0	0.32	0.32	34.54	27.72	36.7	0.112	1452.1
130.0	0.84	0.83	34.69	27.81	28.4	0.115	1454.8
140.0	1.22	1.21	34.73	27.82	27.8	0.118	1456.7
150.0	1.60	1.59	34.79	27.83	26.3	0.121	1458.7
160.0	1.84	1.83	34.83	27.85	25.2	0.123	1460.0
170.0	1.93	1.92	34.85	27.86	24.3	0.126	1460.5
180.0	2.05	2.04	34.87	27.87	23.6	0.128	1461.3
190.0	2.12	2.11	34.90	27.88	22.4	0.131	1461.8
200.0	2.12	2.11	34.90	27.88	22.4	0.133	1462.0
210.0	2.10	2.08	34.91	27.89	21.4	0.135	1462.0
220.0	2.09	2.08	34.92	27.90	21.0	0.137	1462.2
230.0	2.13	2.12	34.93	27.90	20.3	0.139	1462.5
240.0	2.12	2.10	34.92	27.90	20.9	0.141	1462.6
250.0	2.06	2.04	34.93	27.91	19.6	0.144	1462.6
260.0	2.10	2.08	34.94	27.92	19.2	0.146	1462.9
270.0	1.96	1.95	34.93	27.92	19.2	0.147	1462.5
280.0	1.87	1.86	34.93	27.93	18.5	0.149	1462.2
290.0	2.00	1.98	34.94	27.93	18.4	0.151	1463.0
300.0	1.96	1.94	34.95	27.93	17.8	0.153	1463.0

DEPTH TEMP. SALIN

MIZEX-83 STATION 52(1) CTD 11/JUL/1983 2108 GMT CODE = 1
LAT = 80 0067N LNG = -1 6017W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.32	-0.32	31.51	25.30	266.1	0.000	1442.9
1.9	-0.32	-0.33	31.51	25.30	266.1	0.005	1443.0
5.0	0.13	0.13	32.33	25.94	205.2	0.013	1446.2
10.0	1.98	1.97	33.41	26.70	133.3	0.021	1456.1
15.0	2.60	2.60	33.74	26.91	113.0	0.027	1459.4
20.0	2.70	2.70	34.26	27.32	74.5	0.032	1460.6
25.0	2.27	2.27	34.47	27.53	55.1	0.035	1459.1
30.0	2.63	2.63	34.64	27.63	45.3	0.038	1461.0
35.0	2.73	2.73	34.72	27.69	39.8	0.040	1461.7
40.0	2.71	2.71	34.77	27.73	36.2	0.042	1461.7
45.0	2.71	2.70	34.81	27.76	32.7	0.044	1461.8
50.0	2.77	2.76	34.83	27.77	32.3	0.045	1462.2
55.0	2.78	2.78	34.85	27.79	30.7	0.047	1462.4
60.0	2.71	2.70	34.86	27.80	29.0	0.048	1462.1
65.0	2.75	2.74	34.86	27.80	29.7	0.050	1462.4
70.0	2.68	2.68	34.87	27.81	28.2	0.051	1462.2
75.0	2.67	2.67	34.89	27.82	27.3	0.053	1462.3
80.0	2.58	2.58	34.89	27.83	26.4	0.054	1462.0
85.0	2.58	2.57	34.89	27.84	26.0	0.055	1462.0
90.0	2.53	2.53	34.90	27.85	25.2	0.057	1461.9
95.0	2.54	2.54	34.90	27.85	25.0	0.058	1462.1
100.0	2.49	2.49	34.92	27.86	23.6	0.059	1462.0
110.0	2.59	2.58	34.92	27.86	24.4	0.062	1462.5
120.0	2.49	2.48	34.92	27.87	23.2	0.064	1462.3
130.0	2.44	2.44	34.93	27.88	22.5	0.066	1462.3
140.0	2.37	2.36	34.93	27.88	22.1	0.069	1462.1
150.0	2.27	2.26	34.92	27.89	21.7	0.071	1461.8
160.0	2.20	2.19	34.93	27.90	20.8	0.073	1461.7
170.0	2.14	2.13	34.93	27.90	20.3	0.075	1461.6
180.0	2.10	2.09	34.93	27.90	20.1	0.077	1461.6
190.0	2.05	2.04	34.93	27.92	19.1	0.079	1461.5
200.0	2.05	2.04	34.94	27.92	19.0	0.081	1461.7
210.0	2.07	2.05	34.95	27.92	18.4	0.083	1461.9
220.0	2.05	2.04	34.94	27.92	18.5	0.085	1462.0
230.0	2.04	2.03	34.94	27.92	19.0	0.087	1462.1
240.0	2.04	2.02	34.95	27.93	18.1	0.089	1462.3
250.0	2.04	2.03	34.95	27.93	18.5	0.090	1462.5
260.0	2.01	1.99	34.95	27.93	17.9	0.092	1462.5
270.0	1.98	1.97	34.96	27.94	17.2	0.094	1462.6
280.0	1.96	1.95	34.96	27.95	16.7	0.096	1462.7
290.0	1.96	1.95	34.97	27.95	16.1	0.097	1462.9
300.0	1.96	1.94	34.97	27.95	16.3	0.099	1463.0
305.7	1.95	1.93	34.98	27.96	15.7	0.100	1463.1

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
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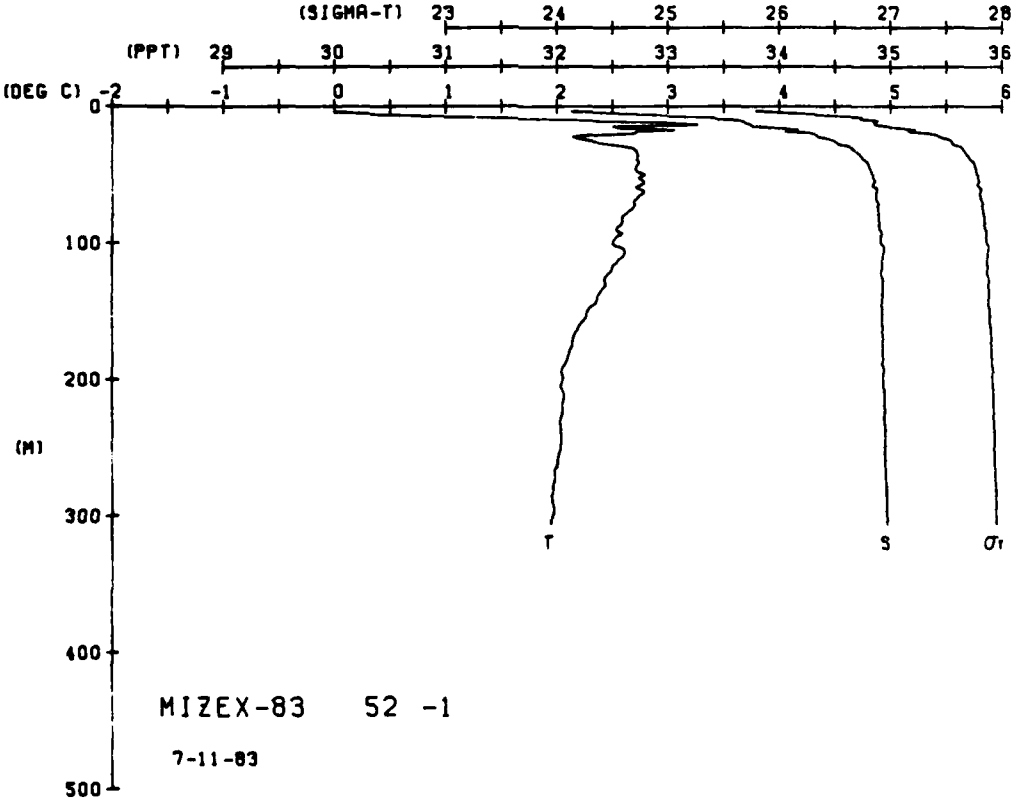
MIZEX-83 S1 -1
7-11-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
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500
T
S
σ_T
MIZEX-83 S2 -1
7-11-83

MIZEX-83 STATION 53(1) CTD 11/JUL/1983 2208 GMT CODE = 1
LAT = 79.9933N LNG = -1.0033W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

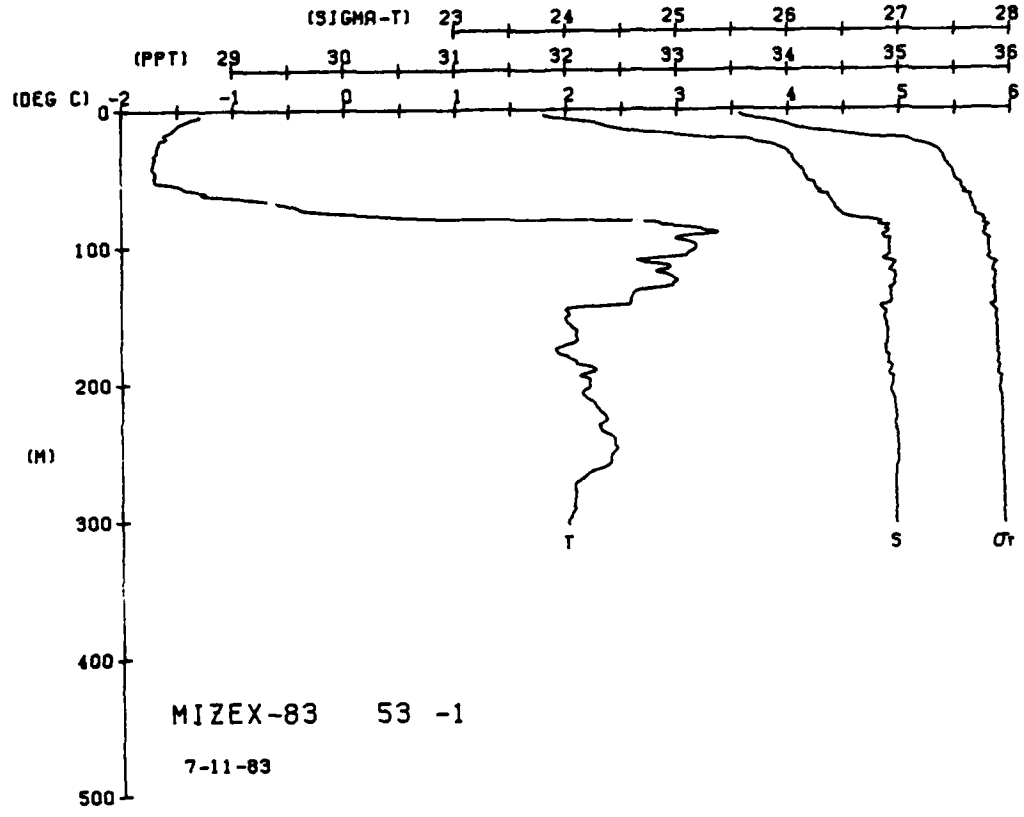
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.16	-1.16	31.49	25.31	265.3	0.000	1439.0
1.9	-1.16	-1.16	31.49	25.31	265.3	0.005	1439.1
5.0	-1.31	-1.31	31.82	25.59	238.8	0.013	1438.8
10.0	-1.48	-1.48	32.27	25.95	204.2	0.024	1438.8
15.0	-1.55	-1.55	32.52	26.16	184.8	0.034	1438.9
20.0	-1.60	-1.60	33.16	26.68	135.0	0.042	1439.6
25.0	-1.67	-1.67	33.76	27.17	88.8	0.048	1440.2
30.0	-1.69	-1.69	34.00	27.36	70.2	0.052	1440.5
35.0	-1.69	-1.69	34.04	27.40	66.7	0.055	1440.7
40.0	-1.72	-1.72	34.08	27.43	63.7	0.059	1440.7
45.0	-1.71	-1.71	34.13	27.47	60.1	0.062	1440.9
50.0	-1.71	-1.71	34.16	27.50	57.2	0.065	1441.0
55.0	-1.52	-1.52	34.25	27.56	51.3	0.067	1442.1
60.0	-1.26	-1.26	34.30	27.59	48.1	0.070	1443.5
65.0	-0.91	-0.92	34.37	27.64	44.2	0.072	1445.3
70.0	-0.48	-0.48	34.42	27.66	42.0	0.074	1447.5
75.0	-0.21	-0.21	34.47	27.69	39.4	0.076	1448.9
80.0	0.70	0.70	34.62	27.76	32.7	0.078	1453.3
85.0	2.86	2.85	34.82	27.75	34.2	0.080	1463.2
90.0	3.35	3.34	34.91	27.78	31.4	0.082	1465.5
95.0	2.99	2.98	34.87	27.78	31.2	0.083	1463.9
100.0	3.18	3.17	34.91	27.80	29.9	0.085	1464.9
110.0	2.71	2.70	34.85	27.79	30.3	0.088	1463.0
120.0	2.87	2.86	34.96	27.86	24.0	0.091	1464.0
130.0	2.92	2.91	34.95	27.85	24.8	0.093	1464.3
140.0	2.59	2.58	34.93	27.87	23.3	0.095	1463.1
150.0	2.03	2.02	34.88	27.87	22.9	0.098	1460.7
160.0	2.07	2.06	34.89	27.88	22.4	0.100	1461.0
170.0	2.09	2.08	34.89	27.88	22.6	0.102	1461.3
180.0	2.00	1.99	34.91	27.90	20.7	0.103	1461.1
190.0	2.27	2.26	34.93	27.90	21.0	0.107	1462.5
200.0	2.21	2.19	34.94	27.91	20.1	0.109	1462.4
210.0	2.16	2.15	34.94	27.91	19.7	0.111	1462.4
220.0	2.30	2.28	34.96	27.92	19.2	0.113	1463.2
230.0	2.30	2.29	34.96	27.91	19.7	0.115	1463.3
240.0	2.43	2.42	34.99	27.93	18.2	0.117	1464.1
250.0	2.44	2.42	34.98	27.92	19.0	0.119	1464.3
260.0	2.37	2.36	34.98	27.93	18.6	0.120	1464.2
270.0	2.14	2.13	34.96	27.93	18.1	0.122	1463.3
280.0	2.08	2.07	34.97	27.94	17.3	0.124	1463.2
290.0	2.07	2.05	34.97	27.94	17.0	0.126	1463.3
300.0	2.02	2.01	34.96	27.94	17.7	0.128	1463.3

DEPTH TEMP SALIN

MIZEX-83 STATION 54(1) CTD 11/JUL/1983 2250 GMT CODE = 1
LAT = 80.0083N LNG = -0.3817W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

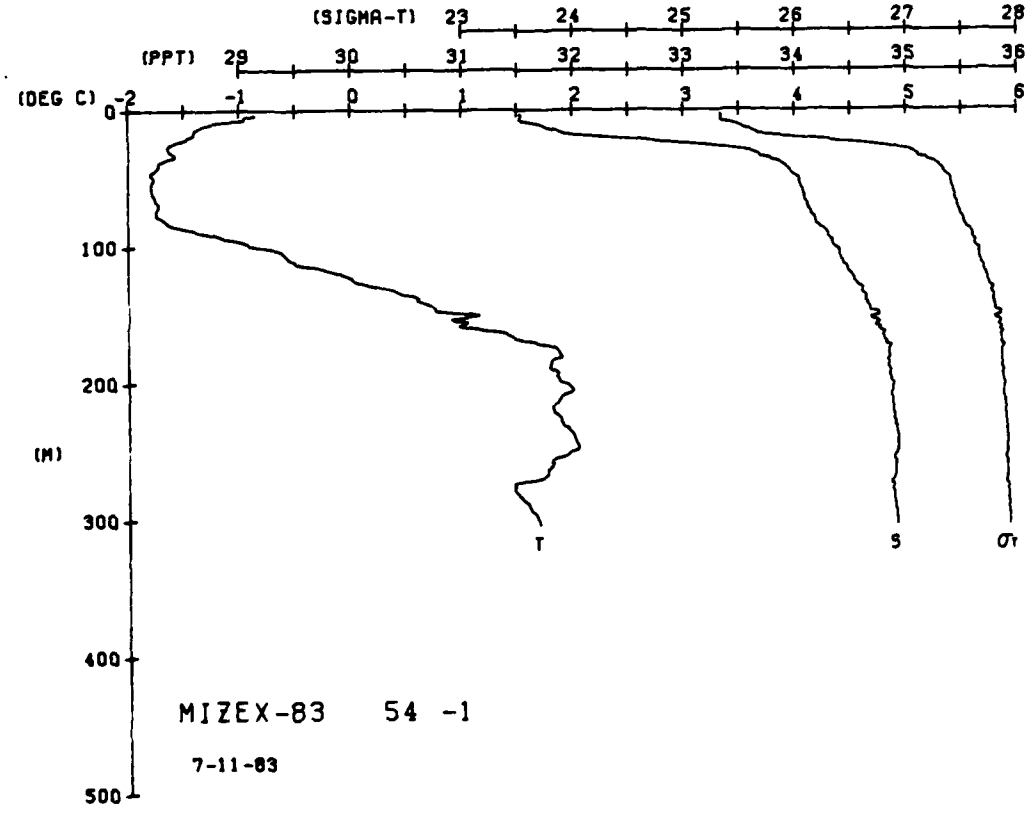
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.85	-0.85	31.55	25.35	261.5	0.000	1440.5
1.9	-0.85	-0.85	31.55	25.35	261.4	0.005	1440.6
5.0	-0.88	-0.88	31.53	25.34	262.7	0.013	1440.5
10.0	-1.24	-1.24	31.61	25.42	255.2	0.026	1439.0
15.0	-1.41	-1.41	31.84	25.61	236.9	0.039	1438.6
20.0	-1.45	-1.45	32.24	25.93	206.0	0.050	1439.0
25.0	-1.60	-1.60	33.01	26.56	146.4	0.059	1439.5
30.0	-1.64	-1.64	33.54	26.99	105.4	0.065	1440.1
35.0	-1.62	-1.62	33.69	27.11	94.2	0.070	1440.5
40.0	-1.74	-1.74	33.89	27.28	78.2	0.075	1440.3
45.0	-1.78	-1.78	33.96	27.34	72.6	0.078	1440.3
50.0	-1.78	-1.78	34.04	27.40	66.7	0.082	1440.5
55.0	-1.80	-1.80	34.05	27.41	65.5	0.085	1440.5
60.0	-1.79	-1.79	34.08	27.43	63.8	0.089	1440.7
65.0	-1.75	-1.76	34.10	27.45	62.0	0.092	1440.9
70.0	-1.72	-1.72	34.12	27.46	60.6	0.095	1441.2
75.0	-1.74	-1.74	34.15	27.49	57.8	0.098	1441.3
80.0	-1.69	-1.69	34.18	27.51	55.6	0.101	1441.6
85.0	-1.60	-1.60	34.22	27.54	52.9	0.103	1442.2
90.0	-1.36	-1.36	34.28	27.58	49.0	0.106	1443.5
95.0	-1.13	-1.14	34.32	27.61	46.7	0.108	1444.7
100.0	-0.89	-0.90	34.36	27.63	44.7	0.111	1445.9
110.0	-0.56	-0.56	34.42	27.67	41.5	0.115	1447.8
120.0	-0.12	-0.12	34.51	27.72	36.5	0.119	1450.1
130.0	0.24	0.24	34.60	27.77	31.9	0.123	1452.0
140.0	0.59	0.59	34.63	27.78	31.3	0.126	1453.8
150.0	1.07	1.07	34.75	27.84	25.8	0.129	1456.3
160.0	1.05	1.04	34.78	27.86	23.5	0.131	1456.4
170.0	1.60	1.59	34.82	27.86	24.2	0.134	1459.1
180.0	1.90	1.89	34.85	27.86	24.1	0.136	1460.6
190.0	1.80	1.79	34.85	27.87	23.1	0.138	1460.3
200.0	1.90	1.89	34.88	27.88	22.3	0.141	1461.0
210.0	1.89	1.88	34.87	27.87	22.9	0.143	1461.1
220.0	1.83	1.82	34.88	27.89	21.2	0.145	1461.0
230.0	1.91	1.90	34.90	27.90	20.4	0.147	1461.6
240.0	2.02	2.00	34.93	27.91	19.6	0.149	1462.2
250.0	2.01	2.00	34.93	27.92	19.2	0.151	1462.4
260.0	1.83	1.82	34.91	27.91	19.4	0.153	1461.7
270.0	1.74	1.72	34.90	27.91	19.3	0.155	1461.4
280.0	1.49	1.47	34.89	27.92	18.5	0.157	1460.5
290.0	1.61	1.59	34.91	27.93	18.1	0.159	1461.2
300.0	1.69	1.67	34.92	27.93	18.0	0.161	1461.7

DEPTH TEMP SALIN



MIZEX-83 53 -1

7-11-83



MIZEX-83 54 -1

7-11-83

MIZEX-83 STATION 55(1) CTD 11/JUL/1983 2333 GMT CODE = 1
LAT = 80.0000N LNG = 0 2350W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

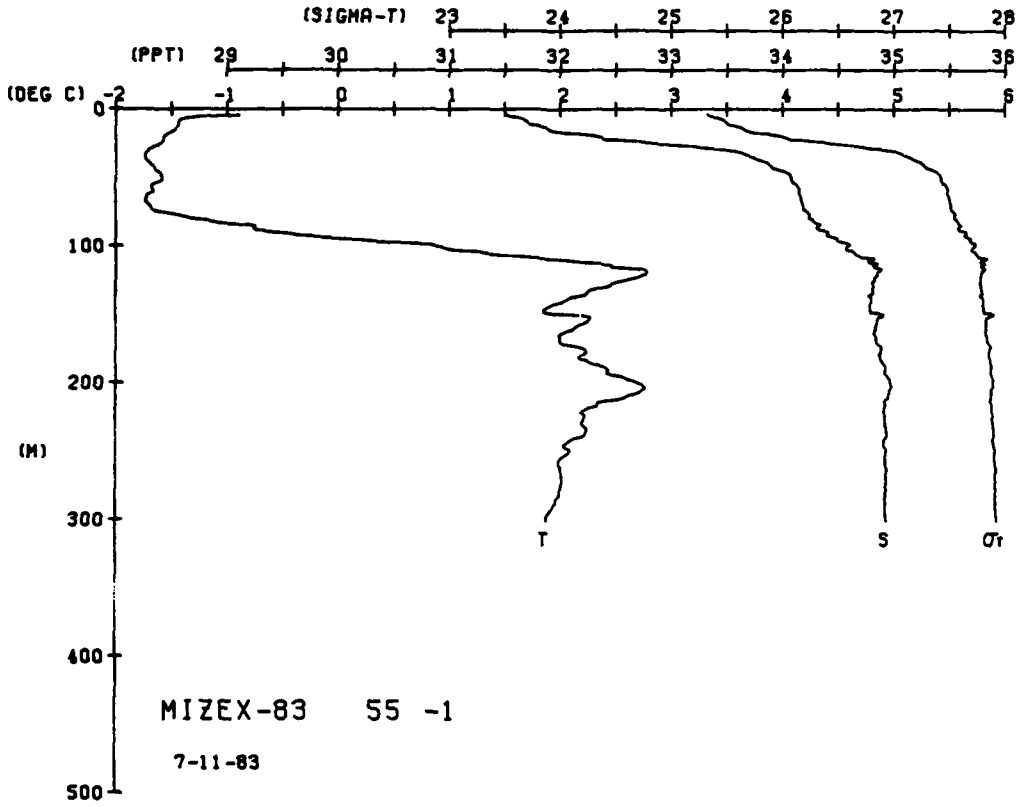
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.75	-0.75	31.50	25.31	265.4	0.000	1440.9
1.9	-0.75	-0.75	31.50	25.31	265.4	0.005	1441.0
5.0	-1.19	-1.19	31.92	25.34	262.2	0.013	1439.0
10.0	-1.45	-1.45	31.71	25.50	247.2	0.026	1438.1
15.0	-1.47	-1.47	31.89	25.65	232.9	0.038	1438.3
20.0	-1.57	-1.57	32.31	25.99	200.5	0.049	1438.6
25.0	-1.60	-1.60	32.82	26.40	161.5	0.059	1439.2
30.0	-1.72	-1.72	33.48	26.94	109.8	0.065	1439.7
35.0	-1.74	-1.74	33.71	27.13	92.0	0.070	1440.0
40.0	-1.70	-1.70	33.87	27.26	80.0	0.075	1440.5
45.0	-1.65	-1.65	33.97	27.34	72.2	0.079	1441.0
50.0	-1.58	-1.59	34.08	27.42	64.3	0.082	1441.5
55.0	-1.67	-1.68	34.12	27.46	60.8	0.085	1441.2
60.0	-1.67	-1.67	34.15	27.49	58.1	0.088	1441.4
65.0	-1.73	-1.73	34.17	27.50	56.7	0.091	1441.2
70.0	-1.71	-1.71	34.19	27.52	54.8	0.094	1441.4
75.0	-1.62	-1.63	34.22	27.54	52.9	0.097	1441.9
80.0	-1.33	-1.34	34.24	27.55	52.3	0.099	1443.4
85.0	-0.81	-0.82	34.35	27.62	46.1	0.102	1446.0
90.0	-0.62	-0.62	34.40	27.65	42.5	0.104	1447.1
95.0	0.03	0.02	34.50	27.70	38.6	0.106	1450.3
100.0	0.90	0.89	34.58	27.71	37.2	0.108	1454.4
110.0	1.93	1.92	34.82	27.83	26.6	0.111	1459.5
120.0	2.77	2.77	34.84	27.78	31.7	0.114	1463.4
130.0	2.40	2.39	34.82	27.79	30.5	0.117	1461.9
140.0	2.05	2.04	34.80	27.81	29.0	0.120	1460.5
150.0	1.93	1.92	34.92	27.91	18.9	0.123	1460.3
160.0	2.13	2.12	34.83	27.83	27.4	0.125	1461.2
170.0	1.99	1.98	34.83	27.84	26.0	0.128	1460.8
180.0	2.18	2.17	34.87	27.85	25.1	0.130	1461.9
190.0	2.43	2.42	34.93	27.88	22.9	0.133	1463.2
200.0	2.68	2.66	34.97	27.89	22.1	0.135	1464.5
210.0	2.60	2.59	34.95	27.88	23.0	0.137	1464.3
220.0	2.22	2.21	34.91	27.88	22.3	0.140	1462.7
230.0	2.20	2.19	34.93	27.90	20.8	0.142	1462.9
240.0	2.17	2.16	34.92	27.89	21.7	0.144	1462.9
250.0	2.09	2.08	34.94	27.91	19.5	0.146	1462.7
260.0	1.98	1.97	34.92	27.91	20.0	0.148	1462.4
270.0	2.02	2.00	34.93	27.92	19.4	0.150	1462.7
280.0	2.00	1.98	34.93	27.92	19.5	0.152	1462.8
290.0	1.94	1.93	34.92	27.92	19.5	0.154	1462.7
300.0	1.87	1.85	34.93	27.93	18.5	0.156	1462.6
300.9	1.88	1.86	34.93	27.93	18.5	0.156	1462.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 56(1) CTD 12/JUL/1983 13 GMT CODE = 1
LAT = 80.0000N LNG = 0.8633W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

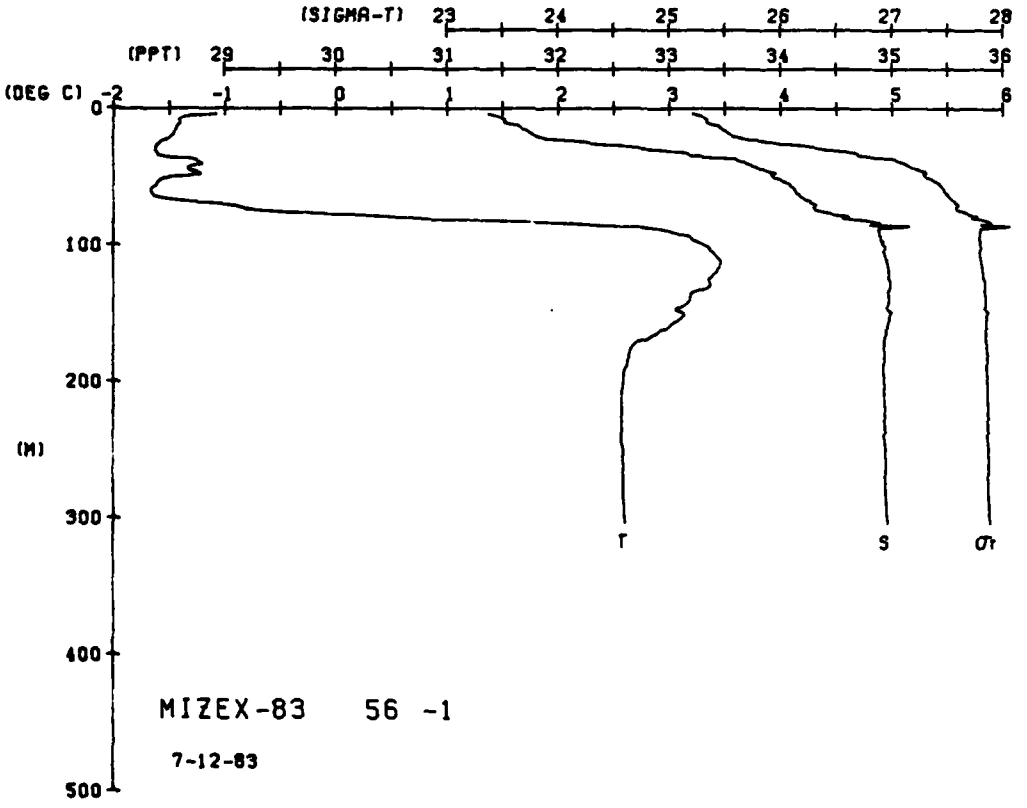
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.83	-0.83	31.33	25.17	278.5	0.000	1440.3
1.9	-0.83	-0.83	31.33	25.17	278.5	0.006	1440.4
5.0	-1.24	-1.24	31.40	25.24	271.6	0.014	1438.6
10.0	-1.40	-1.40	31.51	25.34	262.4	0.028	1438.1
15.0	-1.44	-1.44	31.68	25.47	249.5	0.040	1438.2
20.0	-1.47	-1.48	31.80	25.57	240.3	0.053	1438.3
25.0	-1.58	-1.58	32.24	25.93	206.1	0.064	1438.5
30.0	-1.62	-1.63	32.83	26.41	160.1	0.073	1439.2
35.0	-1.60	-1.60	33.20	26.72	131.5	0.081	1439.9
40.0	-1.23	-1.23	33.71	27.12	93.6	0.086	1442.5
45.0	-1.35	-1.35	33.83	27.22	83.8	0.091	1442.2
50.0	-1.41	-1.41	33.91	27.28	77.7	0.095	1442.1
55.0	-1.61	-1.62	34.08	27.42	64.2	0.099	1441.4
60.0	-1.67	-1.67	34.14	27.48	59.1	0.102	1441.3
65.0	-1.61	-1.61	34.21	27.54	53.7	0.104	1441.8
70.0	-1.04	-1.04	34.31	27.60	47.8	0.107	1444.7
75.0	-0.64	-0.65	34.39	27.64	43.9	0.109	1446.7
80.0	0.52	0.52	34.54	27.71	37.6	0.111	1452.4
85.0	2.14	2.14	34.80	27.80	29.4	0.113	1460.0
90.0	2.99	2.99	34.89	27.80	29.8	0.115	1463.9
95.0	3.20	3.20	34.90	27.79	30.9	0.116	1464.9
100.0	3.34	3.33	34.93	27.80	30.1	0.118	1465.6
110.0	3.46	3.45	34.96	27.81	28.9	0.121	1466.4
120.0	3.42	3.41	34.98	27.83	27.3	0.124	1466.4
130.0	3.36	3.35	34.99	27.84	26.0	0.126	1466.3
140.0	3.18	3.17	34.98	27.85	25.4	0.129	1465.7
150.0	3.14	3.13	34.99	27.86	24.1	0.131	1465.7
160.0	2.99	2.98	34.97	27.86	24.6	0.134	1465.2
170.0	2.72	2.71	34.94	27.86	24.3	0.136	1464.1
180.0	2.64	2.63	34.94	27.87	23.3	0.139	1464.0
190.0	2.61	2.60	34.94	27.87	23.6	0.141	1464.0
200.0	2.59	2.58	34.94	27.87	23.4	0.143	1464.1
210.0	2.58	2.57	34.94	27.87	23.4	0.146	1464.2
220.0	2.58	2.56	34.94	27.88	23.1	0.148	1464.3
230.0	2.58	2.57	34.95	27.88	23.0	0.150	1464.5
240.0	2.58	2.56	34.95	27.88	22.9	0.153	1464.7
250.0	2.60	2.58	34.95	27.88	22.6	0.155	1464.9
260.0	2.59	2.58	34.96	27.89	22.5	0.157	1465.1
270.0	2.60	2.58	34.95	27.88	22.8	0.160	1465.3
280.0	2.60	2.58	34.95	27.89	22.8	0.162	1465.4
290.0	2.60	2.58	34.97	27.89	22.0	0.164	1465.6
300.0	2.61	2.59	34.96	27.89	22.3	0.166	1465.8
303.2	2.61	2.59	34.97	27.89	22.2	0.167	1465.9

DEPTH TEMP. SALIN



MIZEX-83 55 -1

7-11-83



MIZEX-83 56 -1

7-12-83

MIZEX-83 STATION 57(1) CTD 12/JUL/1983 1444 GMT CODE = 1
LAT = 79.6550N LNG = -2.7417W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

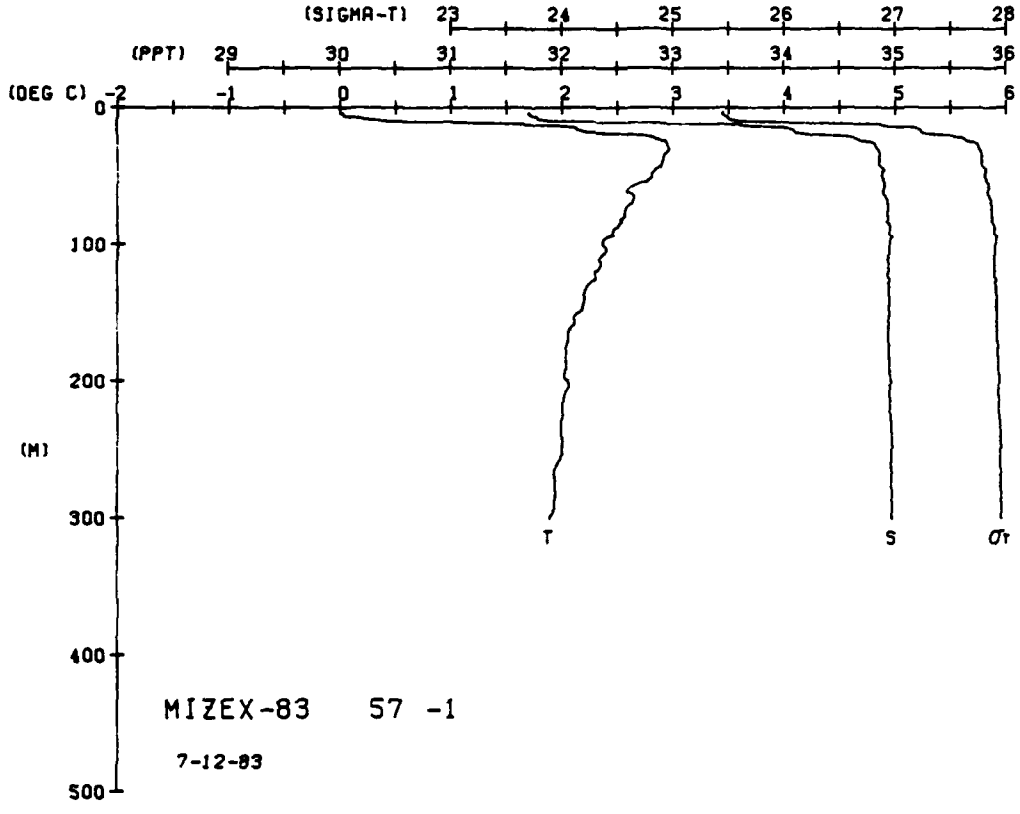
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.02	0.02	31.70	25.44	252.7	0.000	1444.8
4.2	0.02	0.02	31.70	25.44	252.6	0.011	1444.9
5.0	0.03	0.03	31.68	25.42	254.4	0.013	1444.9
10.0	0.37	0.37	31.87	25.56	241.4	0.025	1446.8
15.0	2.13	2.13	34.01	27.17	88.8	0.034	1457.7
20.0	2.57	2.57	34.19	27.28	78.5	0.038	1460.0
25.0	2.94	2.94	34.70	27.65	43.4	0.041	1462.3
30.0	2.97	2.97	34.83	27.75	33.8	0.043	1462.7
35.0	2.92	2.92	34.86	27.78	30.8	0.045	1462.7
40.0	2.90	2.90	34.86	27.78	31.1	0.046	1462.7
45.0	2.86	2.86	34.88	27.80	29.1	0.048	1462.6
50.0	2.80	2.80	34.87	27.80	29.2	0.049	1462.4
55.0	2.73	2.73	34.90	27.83	26.5	0.051	1462.2
60.0	2.69	2.69	34.90	27.85	25.0	0.052	1461.7
65.0	2.65	2.65	34.93	27.86	23.9	0.053	1462.1
70.0	2.64	2.64	34.93	27.87	23.3	0.054	1462.1
75.0	2.58	2.57	34.94	27.87	22.7	0.055	1461.9
80.0	2.57	2.56	34.94	27.88	22.2	0.057	1462.0
85.0	2.53	2.52	34.95	27.89	21.0	0.058	1461.9
90.0	2.46	2.46	34.96	27.90	20.3	0.059	1461.7
95.0	2.40	2.39	34.97	27.92	18.4	0.060	1461.6
100.0	2.36	2.36	34.95	27.90	19.9	0.061	1461.4
110.0	2.35	2.34	34.94	27.89	20.9	0.063	1461.5
120.0	2.31	2.31	34.94	27.90	20.2	0.065	1461.5
130.0	2.24	2.24	34.94	27.90	19.9	0.067	1461.4
140.0	2.20	2.20	34.95	27.92	18.7	0.069	1461.4
150.0	2.16	2.15	34.95	27.92	18.7	0.071	1461.4
160.0	2.10	2.09	34.94	27.92	18.7	0.073	1461.3
170.0	2.06	2.05	34.94	27.92	18.6	0.074	1461.2
180.0	2.05	2.04	34.94	27.92	18.4	0.076	1461.4
190.0	2.04	2.03	34.94	27.92	18.4	0.078	1461.5
200.0	2.05	2.04	34.96	27.94	16.9	0.080	1461.8
210.0	2.03	2.02	34.95	27.93	17.6	0.082	1461.8
220.0	2.01	2.00	34.96	27.94	17.2	0.083	1461.9
230.0	1.99	1.98	34.97	27.95	16.3	0.085	1462.0
240.0	1.99	1.98	34.97	27.94	16.5	0.087	1462.2
250.0	2.00	1.99	34.97	27.94	16.7	0.089	1462.4
260.0	1.97	1.95	34.97	27.95	15.8	0.090	1462.4
270.0	1.94	1.92	34.97	27.96	15.6	0.092	1462.4
280.0	1.95	1.93	34.98	27.96	15.5	0.093	1462.6
290.0	1.93	1.91	34.98	27.96	15.5	0.095	1462.7
300.0	1.90	1.88	34.98	27.96	15.0	0.096	1462.7

DEPTH TEMP. SALIN

MIZEX-83 STATION 58(1) CTD 12/JUL/1983 1532 GMT CODE = 1
LAT = 79.6483N LNG = -2.1550W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.12	-0.12	31.50	25.29	267.4	0.000	1443.9
1.9	-0.12	-0.12	31.50	25.29	267.4	0.005	1443.9
5.0	0.15	0.15	31.86	25.56	241.1	0.013	1445.7
10.0	1.34	1.34	33.28	26.64	138.7	0.023	1453.2
15.0	1.61	1.61	33.74	26.99	105.8	0.029	1455.1
20.0	2.22	2.22	34.34	27.43	64.4	0.033	1458.6
25.0	2.60	2.59	34.57	27.58	50.2	0.036	1460.7
30.0	2.81	2.81	34.76	27.71	37.9	0.038	1461.9
35.0	2.70	2.70	34.82	27.77	32.5	0.040	1461.6
40.0	2.70	2.70	34.84	27.79	30.5	0.042	1461.8
45.0	2.72	2.72	34.88	27.81	28.1	0.043	1462.0
50.0	2.69	2.68	34.90	27.83	26.1	0.045	1462.0
55.0	2.61	2.61	34.91	27.84	25.1	0.046	1461.7
60.0	2.57	2.57	34.91	27.85	24.6	0.047	1461.6
65.0	2.50	2.50	34.93	27.87	22.6	0.048	1461.4
70.0	2.45	2.44	34.92	27.87	22.5	0.049	1461.3
75.0	2.41	2.40	34.93	27.88	21.6	0.051	1461.2
80.0	2.39	2.39	34.93	27.89	21.2	0.052	1461.2
85.0	2.35	2.34	34.94	27.90	20.4	0.053	1461.1
90.0	2.33	2.33	34.94	27.89	20.5	0.054	1461.1
95.0	2.26	2.25	34.94	27.90	19.9	0.055	1460.9
100.0	2.23	2.23	34.94	27.90	19.7	0.056	1460.8
110.0	2.18	2.17	34.94	27.91	19.3	0.058	1460.8
120.0	2.15	2.15	34.95	27.92	18.7	0.060	1460.9
130.0	2.12	2.11	34.95	27.92	17.9	0.062	1460.9
140.0	2.16	2.16	34.97	27.93	17.3	0.063	1461.2
150.0	2.14	2.14	34.96	27.93	17.9	0.065	1461.3
160.0	2.15	2.14	34.97	27.94	16.8	0.067	1461.5
170.0	2.08	2.07	34.96	27.94	17.0	0.069	1461.4
180.0	2.03	2.02	34.96	27.94	16.8	0.070	1461.3
190.0	1.96	1.95	34.97	27.95	16.0	0.072	1461.2
200.0	1.93	1.92	34.97	27.95	15.7	0.074	1461.2
210.0	1.91	1.89	34.98	27.96	14.7	0.075	1461.3
220.0	1.87	1.86	34.97	27.96	15.2	0.077	1461.3
230.0	1.83	1.81	34.97	27.96	14.7	0.078	1461.3
240.0	1.81	1.79	34.98	27.97	13.7	0.080	1461.4
250.0	1.80	1.78	34.98	27.97	13.8	0.081	1461.5
260.0	1.79	1.77	34.98	27.97	13.9	0.082	1461.6
270.0	1.77	1.76	34.98	27.98	13.6	0.084	1461.7
280.0	1.75	1.73	34.98	27.97	13.8	0.085	1461.7
290.0	1.72	1.71	34.98	27.97	13.7	0.086	1461.8
300.0	1.68	1.67	34.98	27.98	13.4	0.088	1461.8
307.6	1.65	1.64	34.98	27.98	13.1	0.089	1461.8

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
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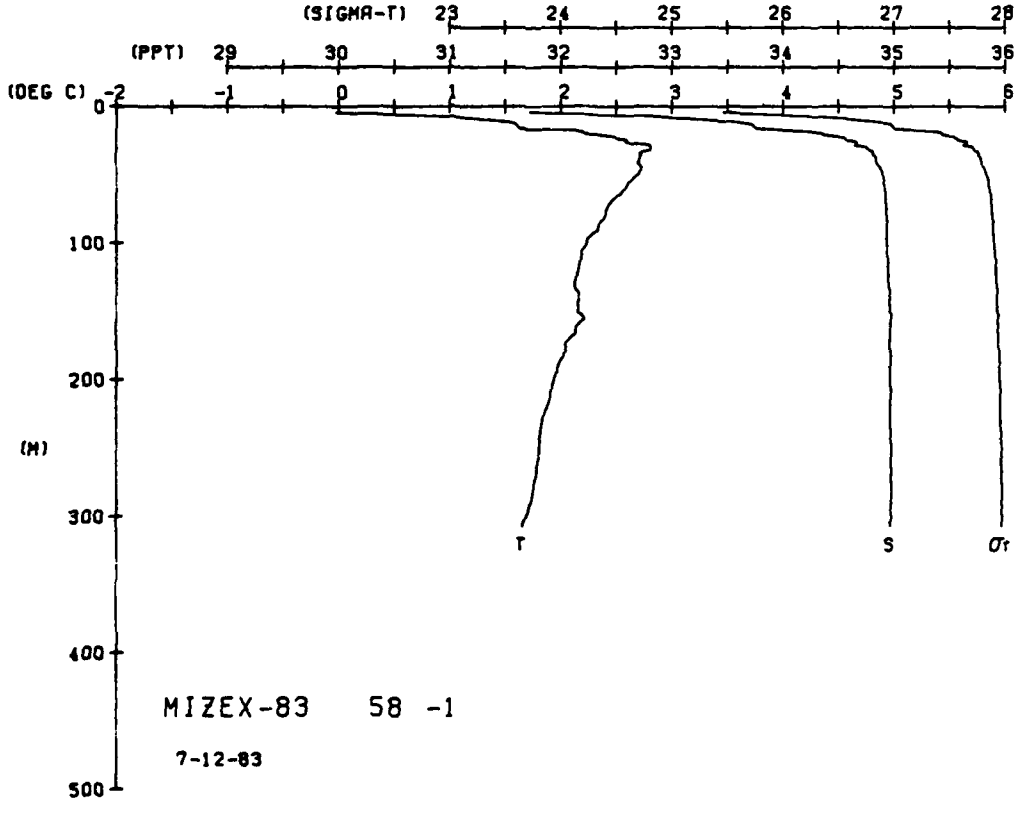
MIZEX-83 57 -1
7-12-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
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MIZEX-83 58 -1
7-12-83

MIZEX-83 STATION 59(1) CTD 12/JUL/1983 1616 GMT CODE = 1
LAT = 79.6483N LNG = -1.4883W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

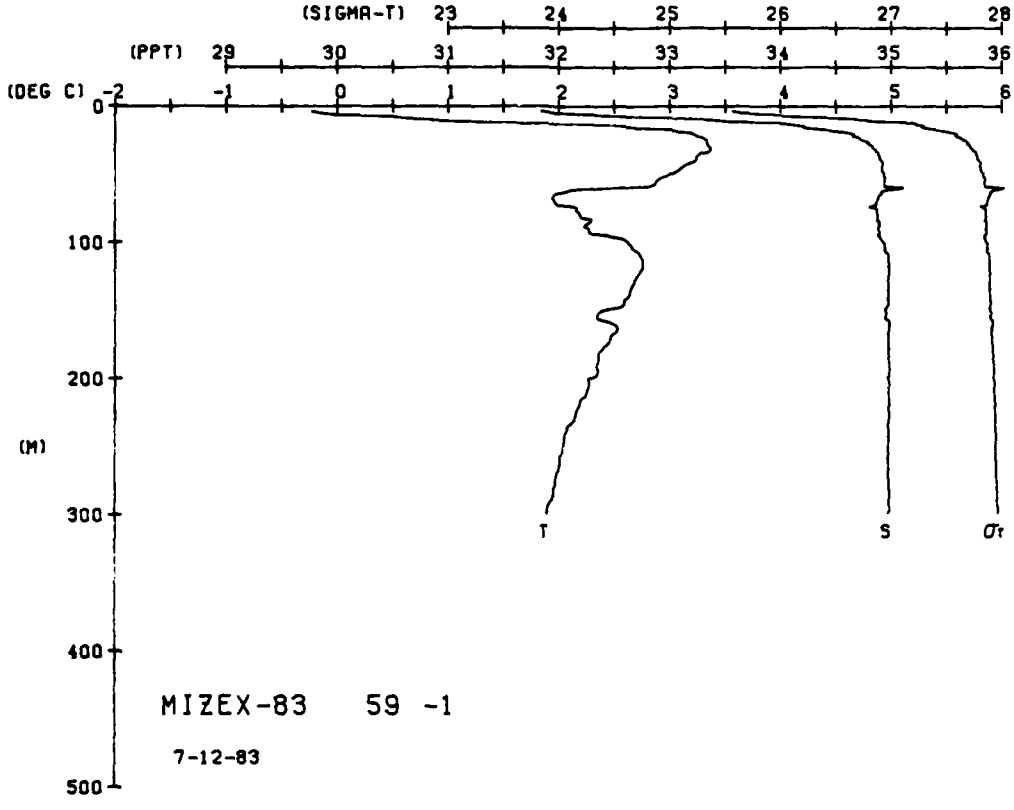
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.40	-0.40	31.60	25.38	258.8	0.000	1442.7
1.9	-0.40	-0.40	31.60	25.38	258.8	0.005	1442.8
5.0	-0.16	-0.16	31.89	25.60	237.3	0.013	1444.3
10.0	0.80	0.80	33.36	26.74	129.2	0.022	1450.9
15.0	2.62	2.62	34.23	27.31	75.8	0.027	1460.2
20.0	3.20	3.20	34.60	27.55	53.0	0.030	1463.3
25.0	3.34	3.34	34.74	27.65	43.8	0.033	1464.1
30.0	3.36	3.36	34.84	27.72	36.4	0.035	1464.4
35.0	3.28	3.28	34.88	27.76	32.9	0.037	1464.2
40.0	3.24	3.24	34.91	27.79	30.4	0.038	1464.2
45.0	3.11	3.11	34.92	27.81	28.5	0.040	1463.7
50.0	3.00	3.00	34.92	27.82	27.3	0.041	1463.3
55.0	2.89	2.88	34.94	27.85	25.0	0.043	1462.9
60.0	2.75	2.75	34.96	27.87	22.3	0.044	1462.5
65.0	1.95	1.95	34.90	27.89	20.6	0.045	1459.0
70.0	1.97	1.96	34.87	27.87	23.0	0.046	1459.1
75.0	2.17	2.17	34.87	27.85	24.6	0.047	1460.1
80.0	2.20	2.19	34.88	27.86	24.0	0.048	1460.3
85.0	2.30	2.30	34.90	27.87	23.2	0.050	1460.9
90.0	2.27	2.27	34.88	27.86	24.2	0.051	1460.8
95.0	2.45	2.44	34.83	27.84	25.6	0.052	1461.6
100.0	2.63	2.63	34.93	27.86	23.7	0.053	1462.6
110.0	2.74	2.74	34.97	27.89	21.4	0.056	1463.3
120.0	2.75	2.74	34.98	27.89	21.0	0.058	1463.5
130.0	2.69	2.68	34.98	27.90	20.3	0.060	1463.4
140.0	2.62	2.62	34.98	27.90	20.5	0.062	1463.3
150.0	2.39	2.38	34.95	27.90	20.7	0.064	1462.4
160.0	2.50	2.49	34.99	27.92	18.6	0.066	1463.1
170.0	2.47	2.46	34.98	27.92	18.9	0.068	1463.1
180.0	2.37	2.36	34.97	27.92	18.7	0.070	1462.8
190.0	2.35	2.34	34.99	27.93	17.7	0.072	1462.9
200.0	2.27	2.26	34.97	27.93	18.2	0.073	1462.7
210.0	2.26	2.24	34.98	27.93	17.5	0.075	1462.8
220.0	2.19	2.18	34.98	27.94	16.6	0.077	1462.7
230.0	2.14	2.12	34.98	27.95	16.3	0.079	1462.6
240.0	2.06	2.05	34.98	27.95	16.2	0.080	1462.5
250.0	2.04	2.03	34.97	27.94	16.8	0.082	1462.5
260.0	2.01	2.00	34.98	27.95	15.9	0.084	1462.6
270.0	1.98	1.97	34.97	27.95	16.1	0.085	1462.6
280.0	1.95	1.94	34.98	27.96	15.4	0.087	1462.7
290.0	1.91	1.90	34.98	27.96	15.3	0.088	1462.7

DEPTH TEMP SALIN

MIZEX-83 STATION 60(1) CTD 12/JUL/1983 1657 GMT CODE = 1
LAT = 79.6467N LNG = -0.9033W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.37	-0.37	31.17	25.03	291.8	0.000	1442.3
1.9	-0.37	-0.37	31.17	25.03	291.8	0.006	1442.3
5.0	-0.63	-0.63	31.35	25.19	276.8	0.015	1441.4
10.0	-0.98	-0.98	31.90	25.64	233.7	0.027	1440.6
15.0	0.45	0.45	32.75	26.27	174.3	0.038	1448.5
20.0	1.76	1.76	33.79	27.02	102.7	0.045	1455.9
25.0	2.90	2.90	34.46	27.46	61.3	0.049	1461.9
30.0	3.09	3.09	34.67	27.61	47.1	0.052	1463.1
35.0	2.88	2.88	34.69	27.65	43.5	0.054	1462.2
40.0	0.34	0.34	34.51	27.70	38.8	0.056	1450.8
45.0	0.24	0.24	34.59	27.76	32.6	0.058	1450.6
50.0	0.38	0.38	34.62	27.78	30.8	0.059	1451.3
55.0	0.65	0.64	34.65	27.79	30.2	0.061	1452.7
60.0	0.80	0.80	34.66	27.79	30.2	0.063	1453.5
65.0	0.91	0.90	34.68	27.80	29.5	0.064	1454.0
70.0	1.24	1.24	34.74	27.82	27.0	0.065	1455.7
75.0	1.82	1.82	34.89	27.90	20.3	0.067	1458.6
80.0	3.09	3.08	34.93	27.84	25.9	0.068	1464.3
85.0	3.04	3.04	34.93	27.84	25.7	0.069	1464.1
90.0	3.07	3.07	34.95	27.84	25.8	0.070	1464.3
95.0	3.14	3.14	34.97	27.85	25.3	0.072	1464.7
100.0	3.31	3.30	35.01	27.86	24.0	0.073	1465.6
110.0	3.20	3.19	34.99	27.86	24.4	0.075	1465.3
120.0	3.07	3.06	34.99	27.87	23.5	0.078	1464.9
130.0	2.89	2.89	34.97	27.87	22.9	0.080	1464.3
140.0	2.87	2.86	34.99	27.89	21.3	0.082	1464.3
150.0	2.71	2.70	34.98	27.90	21.0	0.085	1463.8
160.0	2.62	2.61	34.97	27.89	21.4	0.087	1463.6
170.0	2.58	2.57	34.97	27.90	21.0	0.089	1463.6
180.0	2.60	2.59	34.98	27.90	20.4	0.091	1463.8
190.0	2.55	2.54	34.97	27.90	20.5	0.093	1463.8
200.0	2.55	2.53	34.98	27.91	19.8	0.095	1463.9
210.0	2.41	2.40	34.97	27.91	19.8	0.097	1463.5
220.0	2.32	2.31	34.98	27.93	18.0	0.099	1463.3
230.0	2.21	2.19	34.97	27.93	18.0	0.101	1462.9
240.0	2.17	2.16	34.96	27.92	18.6	0.103	1462.9
250.0	2.14	2.13	34.97	27.94	17.3	0.104	1463.0
260.0	2.05	2.04	34.96	27.93	17.7	0.106	1462.7
270.0	2.03	2.02	34.96	27.94	17.5	0.108	1462.8
280.0	2.04	2.03	34.97	27.94	16.8	0.110	1463.0
290.0	2.03	2.01	34.97	27.94	16.9	0.111	1463.1
300.0	2.00	1.99	34.97	27.95	16.7	0.113	1463.2
306.4	2.02	2.00	34.98	27.96	15.8	0.114	1463.4

DEPTH TEMP. SALIN



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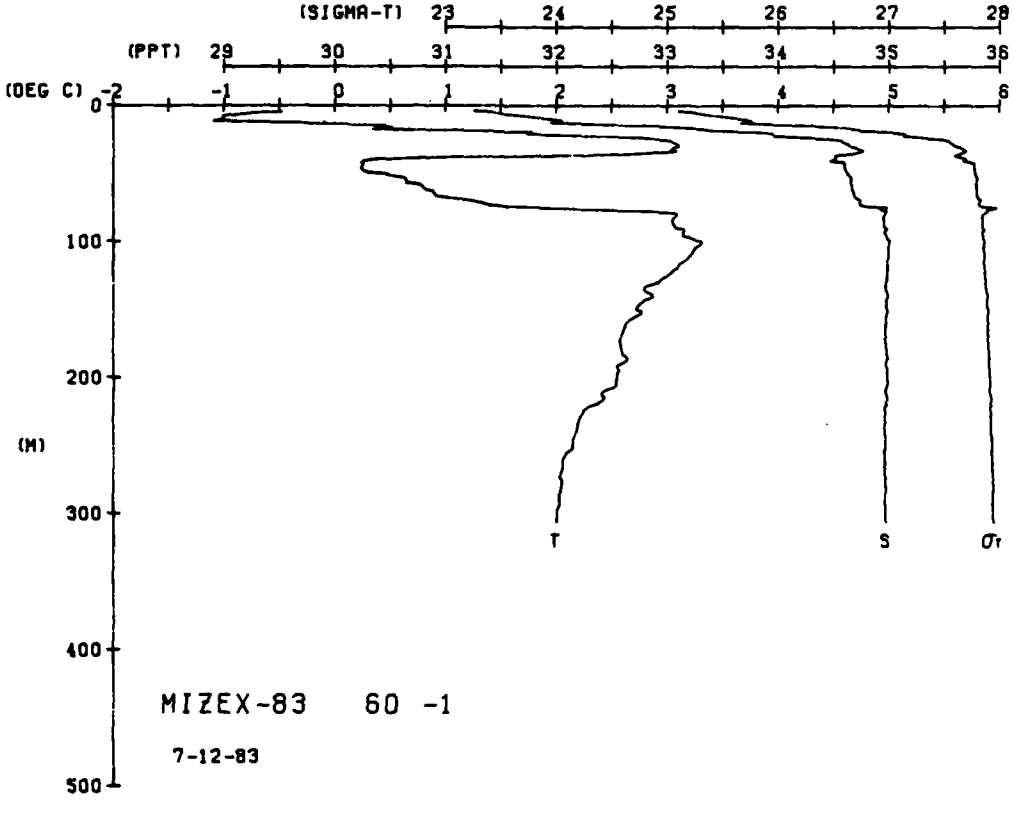
7-12-83



MIZEX-83 60 -1

7-12-83

MIZEX-83 STATION 61(1) CTD 15/JUL/1983 1917 GMT CODE = 1
LAT = 79.2033N LNG = -1.5650W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

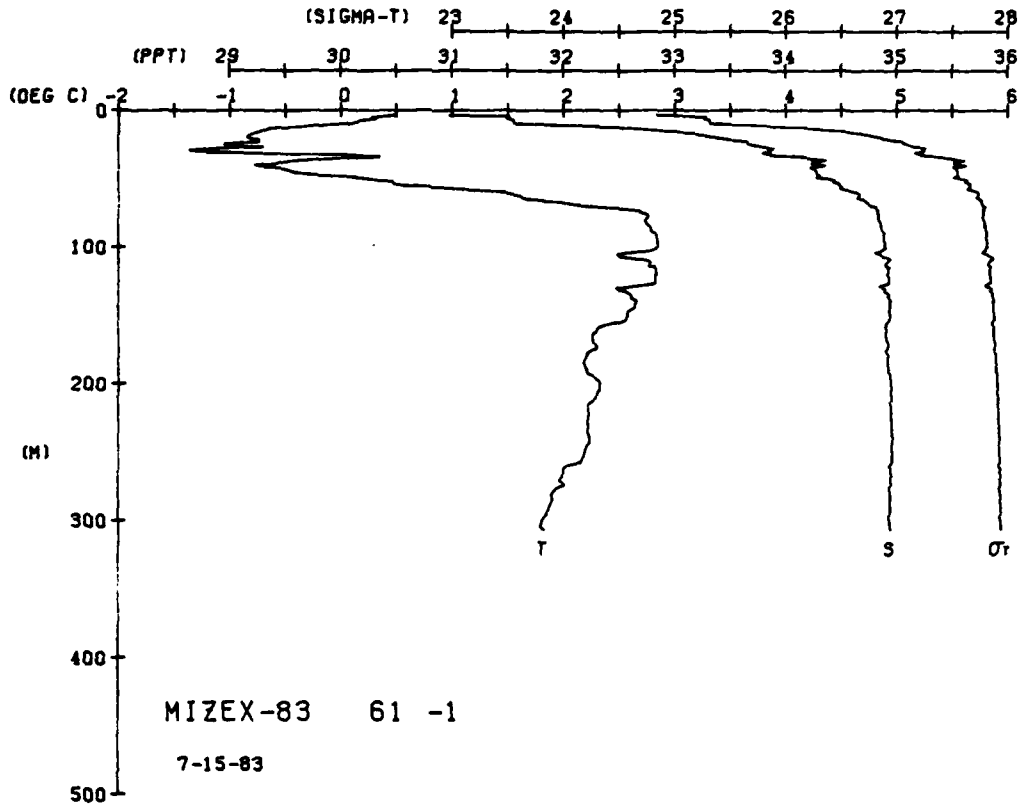
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.58	0.58	31.50	25.25	270.6	0.000	1447.1
1.9	0.58	0.58	31.50	25.25	270.6	0.005	1447.1
5.0	0.26	0.26	31.57	25.33	263.7	0.014	1445.8
10.0	0.10	0.10	31.54	25.31	265.1	0.027	1445.1
15.0	-0.68	-0.68	32.75	26.32	169.5	0.038	1443.3
20.0	-0.84	-0.84	33.33	26.80	123.9	0.045	1443.4
25.0	-1.04	-1.04	33.65	27.06	98.8	0.051	1443.0
30.0	-1.31	-1.31	33.79	27.18	87.1	0.056	1442.0
35.0	0.30	0.29	34.14	27.40	67.1	0.060	1450.0
40.0	-0.62	-0.62	34.26	27.53	54.0	0.063	1446.1
45.0	-0.46	-0.46	34.28	27.54	53.2	0.065	1446.9
50.0	0.24	0.24	34.30	27.53	54.4	0.068	1450.3
55.0	0.53	0.53	34.48	27.66	42.6	0.071	1451.9
60.0	1.42	1.42	34.60	27.70	39.1	0.073	1456.2
65.0	1.63	1.63	34.66	27.73	36.2	0.074	1457.3
70.0	2.11	2.11	34.76	27.77	32.5	0.076	1459.6
75.0	2.69	2.69	34.81	27.76	32.9	0.078	1462.3
80.0	2.75	2.74	34.83	27.77	32.1	0.080	1462.6
85.0	2.76	2.76	34.87	27.80	29.7	0.081	1462.8
90.0	2.81	2.80	34.89	27.81	28.5	0.083	1463.1
95.0	2.85	2.84	34.88	27.81	29.1	0.084	1463.4
100.0	2.84	2.84	34.89	27.81	28.7	0.085	1463.4
110.0	2.74	2.73	34.93	27.85	24.6	0.088	1463.2
120.0	2.84	2.84	34.92	27.83	26.8	0.091	1463.8
130.0	2.50	2.49	34.87	27.82	27.5	0.094	1462.4
140.0	2.66	2.65	34.95	27.88	22.7	0.096	1463.4
150.0	2.58	2.57	34.94	27.87	23.0	0.098	1463.2
160.0	2.31	2.30	34.91	27.87	22.9	0.101	1462.1
170.0	2.27	2.26	34.93	27.89	21.5	0.103	1462.2
180.0	2.22	2.21	34.92	27.89	21.8	0.105	1462.1
190.0	2.21	2.20	34.93	27.90	20.7	0.107	1462.2
200.0	2.33	2.32	34.94	27.90	20.7	0.109	1462.9
210.0	2.29	2.28	34.95	27.91	19.9	0.111	1462.9
220.0	2.23	2.22	34.95	27.92	19.2	0.113	1462.8
230.0	2.22	2.21	34.96	27.92	19.1	0.115	1463.0
240.0	2.24	2.23	34.97	27.93	18.3	0.117	1463.2
250.0	2.19	2.18	34.96	27.93	18.5	0.119	1463.2
260.0	2.05	2.04	34.92	27.90	20.8	0.121	1462.7
270.0	1.97	1.96	34.94	27.92	18.8	0.123	1462.5
280.0	1.90	1.89	34.94	27.93	18.0	0.125	1462.4
290.0	1.87	1.86	34.94	27.94	17.5	0.127	1462.4
300.0	1.81	1.79	34.94	27.94	17.1	0.128	1462.3
307.9	1.84	1.83	34.96	27.95	16.4	0.130	1462.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 62(1) CTD 15/JUL/1983 1935 GMT CODE = 1
LAT = 79.4450N LNG = -2.0833W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.24	-0.24	32.44	26.05	195.2	0.000	1444.6
2.0	-0.24	-0.24	32.44	26.05	195.2	0.004	1444.7
5.0	-0.21	-0.21	32.16	25.82	216.5	0.010	1444.5
10.0	-0.15	-0.15	32.26	25.90	209.4	0.021	1445.0
15.0	1.35	1.35	32.92	26.35	166.2	0.030	1452.8
20.0	3.37	3.37	34.23	27.24	82.3	0.037	1463.5
25.0	4.01	4.01	34.41	27.32	75.0	0.041	1466.5
30.0	3.09	3.09	34.64	27.59	48.9	0.044	1463.0
35.0	1.56	1.56	34.57	27.66	42.4	0.046	1456.3
40.0	1.14	1.14	34.50	27.63	45.0	0.048	1454.4
45.0	1.75	1.74	34.63	27.69	39.4	0.051	1457.4
50.0	0.92	0.92	34.63	27.75	33.8	0.052	1453.8
55.0	1.38	1.38	34.66	27.75	34.1	0.054	1456.0
60.0	1.28	1.28	34.68	27.77	31.9	0.056	1455.6
65.0	1.19	1.18	34.68	27.78	31.5	0.057	1455.3
70.0	1.68	1.68	34.73	27.78	31.5	0.059	1457.6
75.0	2.49	2.49	34.87	27.83	26.9	0.060	1461.5
80.0	2.79	2.78	34.86	27.80	29.9	0.062	1462.8
85.0	2.80	2.80	34.87	27.80	29.5	0.063	1463.0
90.0	2.44	2.43	34.80	27.77	31.9	0.065	1461.4
95.0	1.93	1.93	34.81	27.82	27.3	0.066	1459.3
100.0	2.45	2.45	35.03	27.96	14.7	0.067	1461.9
110.0	3.19	3.18	34.97	27.85	25.4	0.069	1465.2
120.0	3.13	3.12	34.97	27.85	25.1	0.072	1465.1
130.0	3.00	3.00	34.95	27.85	25.5	0.075	1464.7
140.0	2.77	2.77	34.96	27.88	22.9	0.077	1463.9
150.0	2.80	2.79	34.96	27.87	23.3	0.079	1464.2
160.0	2.64	2.63	34.96	27.89	21.9	0.082	1463.6
170.0	2.61	2.60	34.97	27.89	21.3	0.084	1463.7
180.0	2.53	2.52	34.96	27.89	21.5	0.086	1463.5
190.0	2.46	2.45	34.96	27.90	20.6	0.088	1463.4
200.0	2.30	2.29	34.98	27.93	17.5	0.090	1462.9
210.0	2.23	2.22	34.95	27.91	19.6	0.092	1462.7
220.0	2.23	2.22	34.96	27.92	19.0	0.094	1462.9
230.0	2.14	2.13	34.94	27.91	19.4	0.096	1462.6
240.0	1.95	1.94	34.94	27.93	17.7	0.098	1461.9
250.0	1.82	1.80	34.93	27.93	18.1	0.100	1461.5
260.0	1.88	1.87	34.94	27.93	17.8	0.101	1462.0
270.0	1.91	1.89	34.95	27.94	17.1	0.103	1462.3
280.0	1.86	1.85	34.95	27.95	16.6	0.105	1462.2
290.0	1.86	1.84	34.96	27.95	16.2	0.106	1462.4
300.0	1.83	1.81	34.95	27.95	16.4	0.108	1462.4
303.5	1.82	1.81	34.96	27.95	16.0	0.109	1462.5

DEPTH TEMP. SALIN



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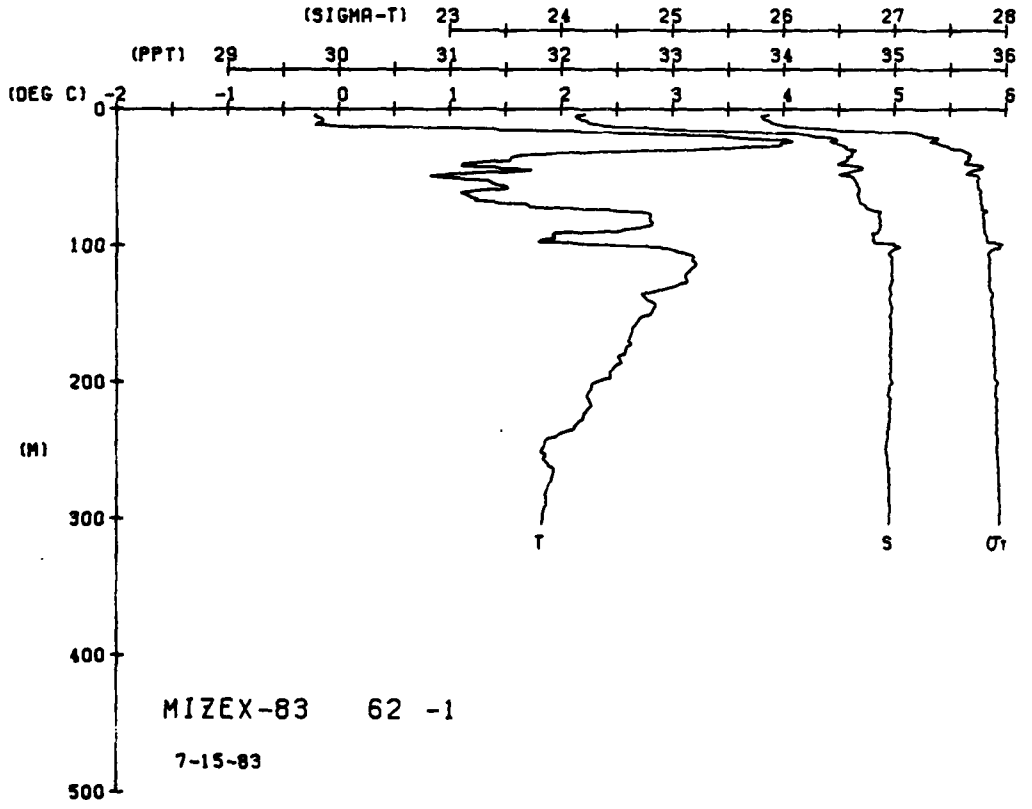
7-15-83



MIZEX-83 62 -1

7-15-83

MIZEX-83 STATION 63(1) CTD 15/JUL/1983 2005 GMT CODE = 1
LAT = 79.1667N LNG = -0.9867W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

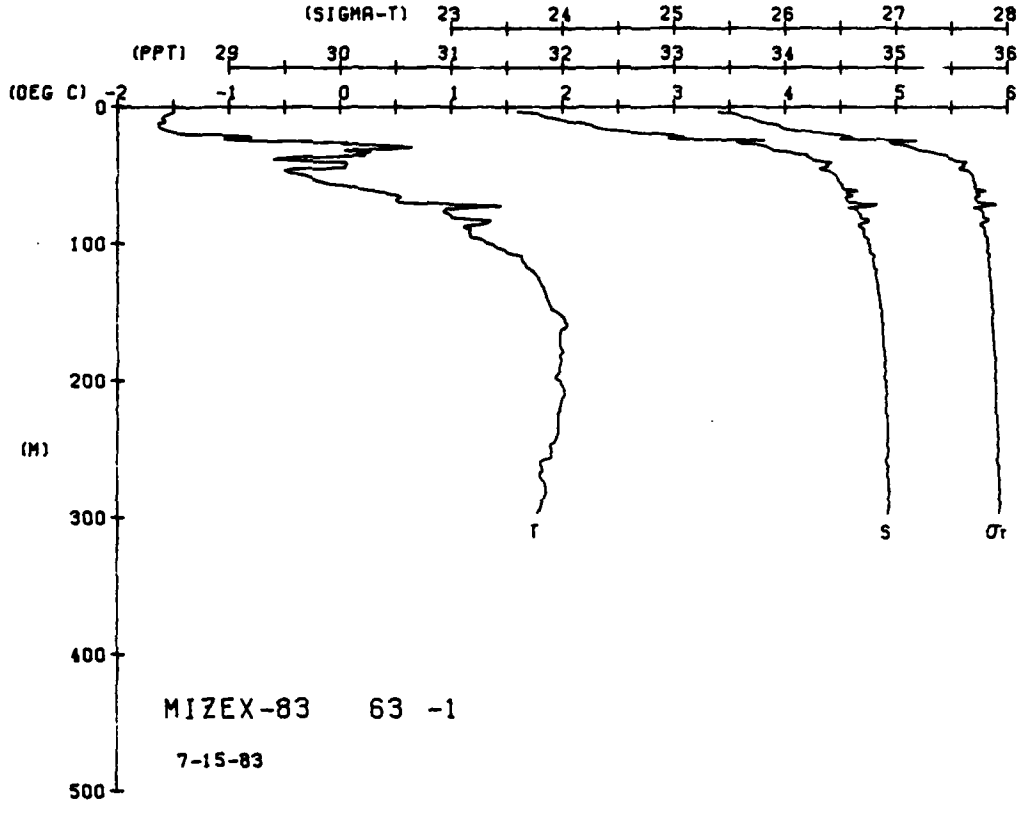
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.15	0.15	22.83	18.29	937.7	0.000	1433.2
1.9	0.15	0.15	22.83	18.29	937.7	0.019	1433.3
5.0	-1.53	-1.53	31.72	25.51	246.1	0.037	1437.7
10.0	-1.57	-1.57	31.98	25.72	226.3	0.049	1437.9
15.0	-1.63	-1.63	32.27	25.96	203.4	0.060	1438.1
20.0	-1.46	-1.46	32.80	26.38	163.2	0.069	1439.8
25.0	-0.90	-0.91	33.86	27.22	83.6	0.075	1443.9
30.0	0.76	0.76	33.91	27.18	87.4	0.079	1451.7
35.0	0.17	0.17	34.12	27.39	68.1	0.083	1449.4
40.0	-0.26	-0.26	34.32	27.57	50.7	0.086	1447.8
45.0	-0.23	-0.23	34.31	27.56	51.6	0.089	1448.0
50.0	-0.37	-0.37	34.46	27.69	39.6	0.091	1447.7
55.0	-0.17	-0.17	34.49	27.70	38.3	0.093	1448.7
60.0	0.18	0.18	34.54	27.72	36.2	0.095	1450.5
65.0	0.47	0.46	34.59	27.75	33.8	0.097	1451.9
70.0	0.51	0.51	34.57	27.73	35.6	0.099	1452.2
75.0	0.96	0.96	34.63	27.75	33.7	0.100	1454.4
80.0	1.00	1.00	34.68	27.79	30.1	0.102	1454.7
85.0	1.32	1.31	34.69	27.77	31.7	0.104	1456.2
90.0	1.18	1.17	34.71	27.80	28.9	0.105	1455.7
95.0	1.16	1.16	34.72	27.81	28.7	0.107	1455.7
100.0	1.32	1.31	34.75	27.82	27.5	0.108	1456.5
110.0	1.64	1.64	34.80	27.84	25.9	0.111	1458.2
120.0	1.72	1.72	34.83	27.85	24.4	0.113	1458.8
130.0	1.81	1.80	34.84	27.86	24.1	0.116	1459.4
140.0	1.86	1.85	34.85	27.86	23.8	0.118	1459.7
150.0	1.94	1.94	34.88	27.88	22.5	0.120	1460.3
160.0	2.04	2.04	34.88	27.87	23.2	0.123	1460.9
170.0	1.98	1.97	34.88	27.88	22.1	0.125	1460.8
180.0	2.00	1.99	34.89	27.89	21.8	0.127	1461.1
190.0	1.97	1.96	34.90	27.89	21.1	0.129	1461.2
200.0	1.96	1.95	34.92	27.91	19.8	0.132	1461.3
210.0	2.03	2.01	34.92	27.91	19.8	0.134	1461.7
220.0	1.97	1.96	34.91	27.90	20.2	0.136	1461.7
230.0	1.96	1.95	34.92	27.91	19.7	0.138	1461.8
240.0	1.95	1.94	34.92	27.91	19.4	0.140	1461.9
250.0	1.90	1.88	34.94	27.93	17.9	0.141	1461.9
260.0	1.79	1.78	34.92	27.93	18.2	0.143	1461.5
270.0	1.79	1.78	34.93	27.93	17.9	0.145	1461.7
280.0	1.85	1.83	34.93	27.93	18.0	0.147	1462.1
290.0	1.81	1.79	34.94	27.94	17.2	0.149	1462.1

DEPTH TEMP SALIN

MIZEX-83 STATION 64(1) CTD 15/JUL/1983 2038 GMT CODE = 1
LAT = 79.5317N LNG = -1.7033W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

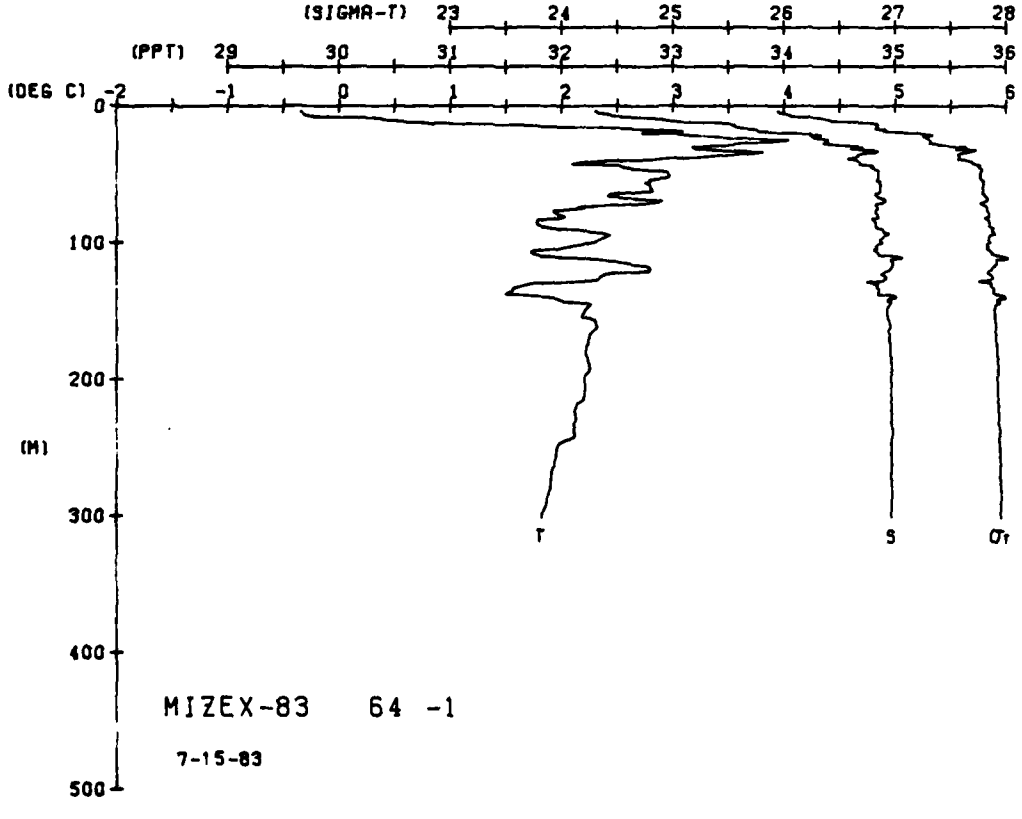
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.11	-0.11	31.97	25.66	231.9	0.000	1444.6
2.0	-0.11	-0.11	31.97	25.66	231.9	0.005	1444.6
5.0	-0.33	-0.33	32.31	25.95	204.3	0.011	1444.1
10.0	0.41	0.41	32.86	26.36	165.5	0.021	1448.3
15.0	1.78	1.78	33.43	26.73	130.2	0.028	1455.4
20.0	2.86	2.86	33.88	27.01	104.2	0.034	1460.8
25.0	3.87	3.87	34.40	27.32	74.5	0.039	1465.9
30.0	3.29	3.29	34.53	27.49	59.0	0.042	1463.7
35.0	3.74	3.74	34.71	27.58	49.9	0.045	1466.0
40.0	2.56	2.56	34.63	27.63	45.2	0.047	1460.9
45.0	2.55	2.55	34.78	27.75	34.1	0.049	1461.1
50.0	2.96	2.96	34.84	27.76	32.9	0.051	1463.1
55.0	2.80	2.80	34.86	27.80	29.8	0.052	1462.5
60.0	2.80	2.80	34.86	27.79	30.0	0.054	1462.6
65.0	2.43	2.43	34.84	27.81	28.3	0.055	1461.0
70.0	2.92	2.91	34.91	27.82	27.5	0.057	1463.3
75.0	2.21	2.20	34.84	27.83	26.9	0.058	1460.2
80.0	1.99	1.98	34.84	27.85	25.0	0.059	1459.3
85.0	1.77	1.77	34.83	27.85	24.6	0.061	1458.4
90.0	1.97	1.96	34.88	27.88	22.0	0.062	1459.4
95.0	2.43	2.42	34.87	27.83	26.3	0.063	1461.5
100.0	2.31	2.31	34.86	27.83	26.4	0.064	1461.1
110.0	1.80	1.80	34.99	27.98	12.4	0.066	1459.2
120.0	2.80	2.79	34.96	27.87	23.2	0.068	1463.7
130.0	1.74	1.73	34.85	27.87	22.6	0.071	1459.0
140.0	1.88	1.87	35.00	27.98	12.9	0.072	1460.0
150.0	2.21	2.20	34.93	27.90	20.5	0.074	1461.6
160.0	2.32	2.31	34.96	27.91	19.5	0.076	1462.2
170.0	2.25	2.24	34.95	27.91	19.2	0.078	1462.1
180.0	2.21	2.20	34.96	27.93	18.2	0.080	1462.1
190.0	2.25	2.24	34.97	27.93	17.9	0.082	1462.5
200.0	2.20	2.19	34.97	27.93	17.9	0.084	1462.4
210.0	2.21	2.19	34.97	27.93	17.6	0.085	1462.6
220.0	2.13	2.12	34.97	27.94	16.9	0.087	1462.4
230.0	2.13	2.11	34.97	27.94	17.0	0.089	1462.6
240.0	2.12	2.11	34.98	27.95	16.2	0.090	1462.7
250.0	1.95	1.94	34.98	27.96	15.4	0.092	1462.2
260.0	1.93	1.91	34.98	27.96	15.3	0.094	1462.2
270.0	1.91	1.90	34.97	27.96	15.4	0.095	1462.3
280.0	1.90	1.88	34.98	27.96	15.0	0.097	1462.4
290.0	1.86	1.85	34.98	27.97	14.7	0.098	1462.4
300.0	1.83	1.81	34.98	27.97	14.5	0.100	1462.4

DEPTH TEMP. SALIN



MIZEX-83 63 -1

7-15-83



MIZEX-83 64 -1

7-15-83

MIZEX-83 STATION 65(1) CTD 15/JUL/1983 2056 GMT CODE = 1
LAT = 79.2450N LNG = -0.4767W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

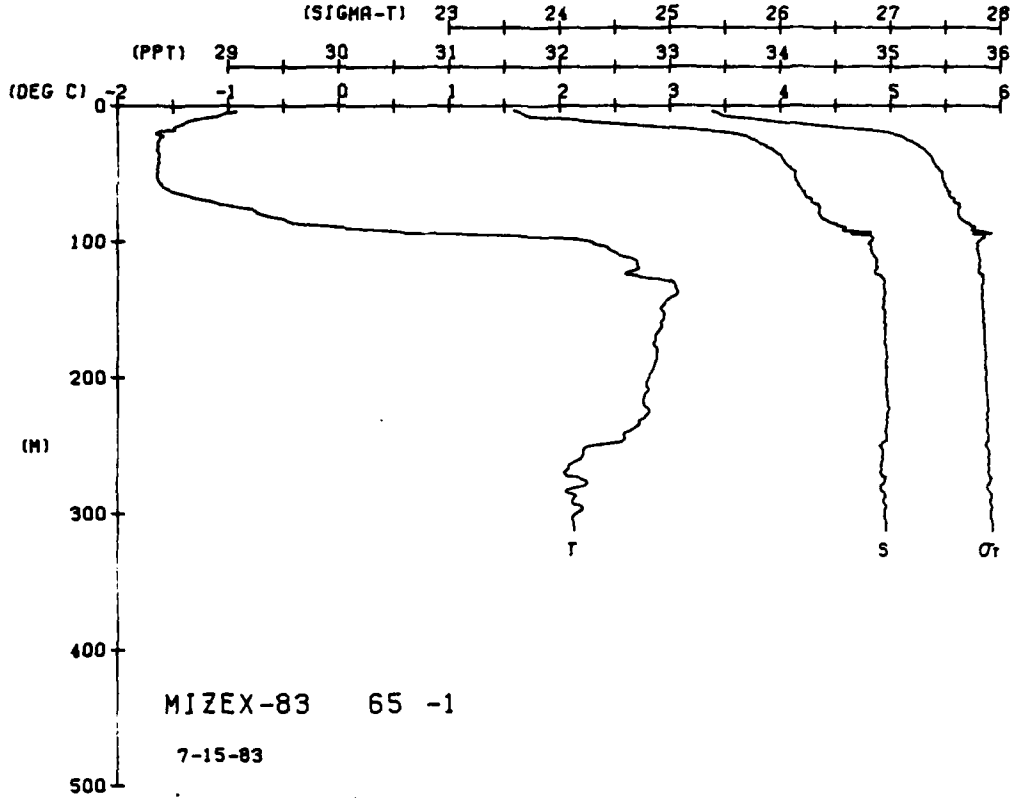
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.88	-0.88	31.63	25.42	255.2	0.000	1440.5
1.9	-0.88	-0.88	31.63	25.42	255.2	0.005	1440.6
5.0	-0.98	-0.98	31.59	25.39	257.5	0.013	1440.1
10.0	-1.30	-1.30	32.08	25.79	219.2	0.025	1439.4
15.0	-1.47	-1.47	32.74	26.34	167.5	0.035	1439.5
20.0	-1.65	-1.65	33.31	26.97	107.6	0.042	1439.9
25.0	-1.62	-1.62	33.74	27.15	90.5	0.047	1440.4
30.0	-1.63	-1.63	33.87	27.26	79.8	0.051	1440.6
35.0	-1.63	-1.63	33.97	27.34	72.8	0.055	1440.8
40.0	-1.63	-1.63	34.02	27.38	68.4	0.058	1441.0
45.0	-1.64	-1.65	34.07	27.42	64.8	0.062	1441.1
50.0	-1.65	-1.65	34.13	27.47	60.4	0.065	1441.2
55.0	-1.63	-1.64	34.14	27.48	59.3	0.068	1441.4
60.0	-1.58	-1.58	34.18	27.51	56.1	0.071	1441.8
65.0	-1.42	-1.42	34.22	27.54	53.5	0.074	1442.7
70.0	-1.19	-1.19	34.30	27.59	48.4	0.076	1444.0
75.0	-0.91	-0.91	34.35	27.63	45.1	0.079	1445.4
80.0	-0.70	-0.70	34.35	27.62	46.0	0.081	1446.5
85.0	-0.46	-0.47	34.42	27.66	41.6	0.083	1447.8
90.0	0.03	0.03	34.60	27.78	30.6	0.085	1450.4
95.0	1.21	1.21	34.66	27.76	33.5	0.087	1455.9
100.0	2.28	2.27	34.82	27.81	29.0	0.088	1460.9
110.0	2.55	2.54	34.84	27.80	29.8	0.091	1462.2
120.0	2.71	2.70	34.87	27.81	29.2	0.094	1463.2
130.0	3.03	3.02	34.94	27.84	26.4	0.097	1464.8
140.0	3.05	3.04	34.95	27.84	26.5	0.100	1465.1
150.0	2.92	2.91	34.94	27.85	25.7	0.102	1464.7
160.0	2.92	2.91	34.95	27.85	25.5	0.105	1464.9
170.0	2.87	2.86	34.95	27.86	24.7	0.107	1464.8
180.0	2.89	2.88	34.96	27.86	24.5	0.110	1465.0
190.0	2.86	2.85	34.96	27.86	24.3	0.112	1465.1
200.0	2.81	2.80	34.96	27.87	23.5	0.115	1465.1
210.0	2.81	2.79	34.97	27.88	22.8	0.117	1465.2
220.0	2.77	2.75	34.98	27.89	22.3	0.119	1465.2
230.0	2.76	2.74	34.97	27.88	22.8	0.122	1465.3
240.0	2.61	2.60	34.95	27.88	23.1	0.124	1464.8
250.0	2.35	2.33	34.89	27.86	24.9	0.126	1463.8
260.0	2.19	2.17	34.93	27.90	21.2	0.129	1463.3
270.0	2.04	2.03	34.91	27.89	21.6	0.131	1462.8
280.0	2.22	2.20	34.91	27.89	22.5	0.133	1463.7
290.0	2.12	2.11	34.94	27.91	20.1	0.135	1463.5
300.0	2.16	2.14	34.95	27.92	19.7	0.137	1463.8
310.0	2.12	2.11	34.96	27.93	18.5	0.139	1463.9

DEPTH TEMP SALIN

MIZEX-83 STATION 66(1) CTD 15/JUL/1983 2136 GMT CODE = 1
LAT = 79.6017N LNG = -1.3017W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	2.44	2.44	33.24	26.53	149.6	0.000	1457.8
2.0	2.44	2.44	33.24	26.53	149.6	0.003	1457.8
5.0	2.93	2.93	33.54	26.72	131.0	0.007	1460.4
10.0	2.95	2.95	33.73	26.88	116.4	0.014	1460.8
15.0	3.57	3.57	34.19	27.19	87.3	0.019	1464.2
20.0	3.28	3.28	34.34	27.33	73.3	0.023	1463.2
25.0	2.64	2.64	34.51	27.53	55.0	0.026	1460.8
30.0	2.77	2.77	34.68	27.65	43.4	0.028	1461.7
35.0	2.81	2.81	34.75	27.70	38.6	0.031	1462.0
40.0	2.81	2.81	34.83	27.77	32.4	0.032	1462.2
45.0	2.75	2.75	34.86	27.80	29.6	0.034	1462.1
50.0	2.74	2.73	34.86	27.80	29.5	0.035	1462.1
55.0	2.70	2.69	34.89	27.82	27.1	0.037	1462.1
60.0	2.66	2.65	34.91	27.84	25.4	0.038	1462.0
65.0	2.69	2.69	34.92	27.85	24.8	0.039	1462.3
70.0	2.72	2.71	34.94	27.86	23.9	0.041	1462.5
75.0	2.71	2.70	34.94	27.86	23.5	0.042	1462.5
80.0	2.59	2.59	34.93	27.88	21.9	0.043	1462.1
85.0	2.49	2.49	34.93	27.89	21.1	0.044	1461.7
90.0	2.44	2.43	34.93	27.89	20.8	0.045	1461.6
95.0	2.36	2.35	34.93	27.90	20.3	0.046	1461.3
100.0	2.39	2.39	34.93	27.90	20.1	0.047	1461.6
110.0	2.65	2.64	34.99	27.91	19.2	0.049	1462.9
120.0	2.63	2.63	35.00	27.91	18.9	0.051	1463.0
130.0	2.54	2.54	34.99	27.92	18.3	0.053	1462.8
140.0	2.43	2.42	35.00	27.93	17.3	0.055	1462.4
150.0	2.34	2.34	34.99	27.94	17.1	0.057	1462.2
160.0	2.23	2.22	34.99	27.94	16.2	0.058	1461.9
170.0	2.20	2.20	34.99	27.94	16.4	0.060	1462.0
180.0	2.17	2.16	34.98	27.95	16.3	0.062	1462.0
190.0	2.17	2.16	34.99	27.95	15.5	0.063	1462.1
200.0	2.11	2.10	34.98	27.95	16.1	0.065	1462.0
210.0	2.08	2.07	34.99	27.96	15.2	0.066	1462.1
220.0	2.09	2.07	35.00	27.96	14.8	0.068	1462.3
230.0	2.09	2.07	35.00	27.96	14.9	0.069	1462.4
240.0	2.04	2.03	35.00	27.97	14.6	0.071	1462.4
250.0	1.93	1.92	34.98	27.96	15.0	0.072	1462.1
260.0	1.83	1.81	34.98	27.97	14.3	0.074	1461.8
270.0	1.81	1.79	34.98	27.97	13.9	0.075	1461.9
280.0	1.78	1.76	34.99	27.98	13.3	0.077	1461.9
290.0	1.76	1.75	34.98	27.98	13.7	0.078	1462.0
299.1	1.75	1.73	34.98	27.98	13.6	0.079	1462.1

DEPTH TEMP. SALIN



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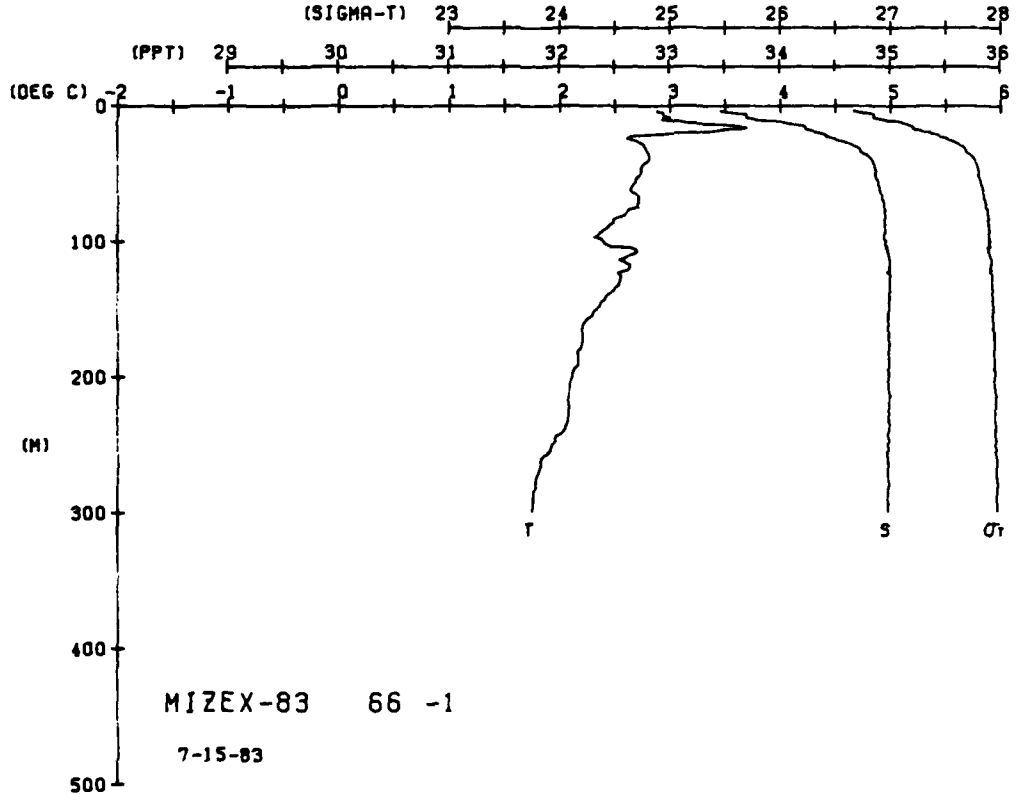


MIZEX-83 66 -1

7-15-83

MIZEX-83 STATION 67(1) CTD 15/JUL/1983 2147 GMT CODE = 1
LAT = 79.2517N LNG = 0.0283W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

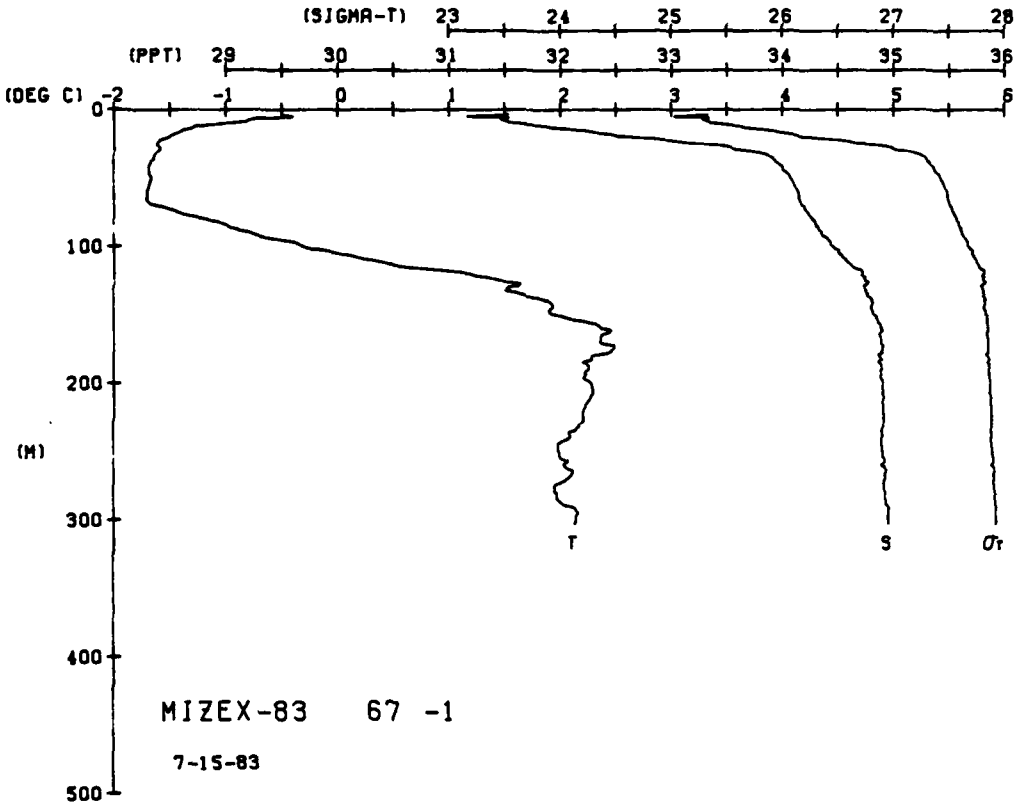
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.49	-0.49	31.29	25.13	282.6	0.000	1441.8
1.9	-0.49	-0.49	31.29	25.13	282.6	0.006	1441.9
5.0	-0.43	-0.43	31.39	25.21	274.6	0.014	1442.4
10.0	-0.93	-0.93	31.54	25.35	261.6	0.028	1440.3
15.0	-1.37	-1.37	32.06	25.78	220.5	0.040	1439.1
20.0	-1.51	-1.51	32.50	26.14	185.8	0.050	1439.1
25.0	-1.62	-1.62	33.13	26.65	137.4	0.058	1439.5
30.0	-1.60	-1.60	33.58	27.02	102.3	0.064	1440.4
35.0	-1.64	-1.64	33.89	27.27	78.8	0.069	1440.7
40.0	-1.68	-1.68	33.97	27.34	72.5	0.073	1440.7
45.0	-1.69	-1.69	34.01	27.38	68.9	0.076	1440.8
50.0	-1.66	-1.67	34.07	27.42	64.6	0.080	1441.1
55.0	-1.69	-1.69	34.11	27.45	61.5	0.083	1441.1
60.0	-1.71	-1.72	34.14	27.48	58.8	0.086	1441.1
65.0	-1.71	-1.72	34.16	27.49	57.6	0.089	1441.2
70.0	-1.65	-1.65	34.18	27.51	56.1	0.092	1441.6
75.0	-1.45	-1.45	34.22	27.54	53.6	0.095	1442.7
80.0	-1.20	-1.20	34.27	27.57	50.6	0.097	1444.1
85.0	-0.99	-0.99	34.30	27.59	48.9	0.100	1445.2
90.0	-0.80	-0.80	34.36	27.62	45.5	0.102	1446.2
95.0	-0.55	-0.55	34.41	27.66	42.4	0.104	1447.5
100.0	-0.33	-0.33	34.44	27.67	41.1	0.106	1448.7
110.0	0.27	0.26	34.58	27.76	33.1	0.110	1451.8
120.0	1.14	1.13	34.71	27.80	29.1	0.113	1456.0
130.0	1.53	1.52	34.72	27.79	30.9	0.116	1457.9
140.0	1.88	1.88	34.81	27.83	27.1	0.119	1459.8
150.0	1.94	1.93	34.82	27.83	26.5	0.122	1460.2
160.0	2.38	2.37	34.89	27.85	25.4	0.125	1462.4
170.0	2.36	2.35	34.89	27.86	24.7	0.127	1462.5
180.0	2.28	2.27	34.87	27.84	25.8	0.130	1462.3
190.0	2.26	2.25	34.89	27.87	23.8	0.132	1462.4
200.0	2.27	2.26	34.91	27.87	23.1	0.135	1462.6
210.0	2.27	2.26	34.91	27.88	22.8	0.137	1462.8
220.0	2.20	2.19	34.91	27.88	22.6	0.139	1462.7
230.0	2.17	2.16	34.91	27.88	22.5	0.142	1462.7
240.0	2.09	2.08	34.90	27.88	22.3	0.144	1462.5
250.0	1.99	1.97	34.91	27.90	20.9	0.146	1462.2
260.0	2.02	2.00	34.90	27.89	21.8	0.148	1462.5
270.0	2.06	2.04	34.92	27.90	20.6	0.150	1462.9
280.0	1.95	1.94	34.93	27.92	19.4	0.152	1462.6
290.0	2.06	2.04	34.96	27.94	17.7	0.154	1463.3
300.0	2.14	2.12	34.95	27.92	18.9	0.156	1463.8

DEPTH TEMP. SALIN

MIZEX-83 STATION 68(1) CTD 15/JUL/1983 2230 GMT CODE = 1
LAT = 79.6767N LNG = -0.9650W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

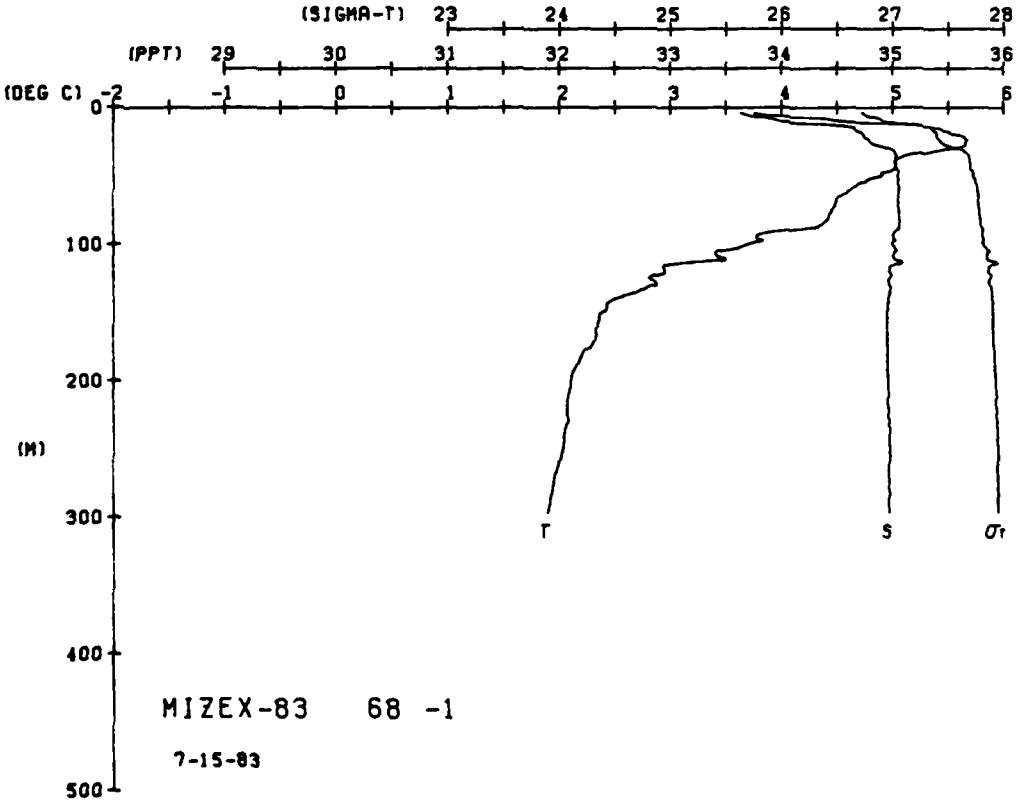
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	3.41	3.41	33.44	26.60	142.3	0.000	1462.3
2.0	3.41	3.41	33.44	26.60	142.4	0.003	1462.3
5.0	3.79	3.79	33.65	26.74	129.8	0.007	1464.2
10.0	4.52	4.52	33.96	26.90	114.1	0.013	1467.8
15.0	5.39	5.39	34.64	27.34	72.3	0.018	1472.4
20.0	5.58	5.58	34.74	27.40	67.3	0.021	1473.4
25.0	5.66	5.66	34.80	27.44	63.6	0.025	1473.9
30.0	5.54	5.54	34.95	27.57	50.8	0.028	1473.7
35.0	5.12	5.12	35.03	27.69	40.1	0.030	1472.1
40.0	5.01	5.01	35.02	27.69	39.6	0.032	1471.8
45.0	5.01	5.01	35.03	27.70	39.2	0.034	1471.8
50.0	4.89	4.89	35.04	27.72	37.2	0.036	1471.5
55.0	4.70	4.70	35.04	27.74	35.1	0.038	1470.8
60.0	4.61	4.61	35.05	27.76	33.3	0.039	1470.5
65.0	4.50	4.50	35.05	27.77	32.3	0.041	1470.1
70.0	4.49	4.48	35.06	27.78	31.6	0.043	1470.1
75.0	4.45	4.45	35.06	27.79	31.1	0.044	1470.1
80.0	4.42	4.42	35.06	27.79	30.9	0.046	1470.0
85.0	4.36	4.36	35.06	27.79	30.5	0.047	1469.9
90.0	3.99	3.99	35.03	27.81	28.9	0.049	1468.4
95.0	3.78	3.77	35.00	27.81	28.7	0.050	1467.5
100.0	3.69	3.68	35.00	27.82	28.1	0.052	1467.2
110.0	3.49	3.48	35.00	27.84	26.2	0.055	1466.5
120.0	2.96	2.95	34.96	27.86	24.3	0.057	1464.4
130.0	2.86	2.85	34.98	27.88	22.5	0.059	1464.1
140.0	2.49	2.48	34.96	27.90	20.7	0.062	1462.7
150.0	2.37	2.36	34.94	27.90	20.8	0.064	1462.3
160.0	2.34	2.33	34.95	27.90	20.4	0.066	1462.3
170.0	2.32	2.31	34.96	27.92	19.1	0.068	1462.4
180.0	2.21	2.20	34.95	27.91	19.5	0.070	1462.1
190.0	2.14	2.13	34.95	27.92	18.4	0.072	1462.0
200.0	2.10	2.09	34.96	27.93	17.6	0.073	1462.0
210.0	2.08	2.07	34.96	27.94	17.2	0.075	1462.1
220.0	2.08	2.06	34.96	27.94	17.2	0.077	1462.2
230.0	2.08	2.07	34.98	27.95	16.3	0.079	1462.4
240.0	2.04	2.03	34.97	27.95	16.3	0.080	1462.4
250.0	2.03	2.01	34.97	27.95	16.2	0.082	1462.5
260.0	2.00	1.98	34.98	27.95	15.7	0.084	1462.5
270.0	1.96	1.94	34.98	27.96	15.5	0.085	1462.5
280.0	1.94	1.92	34.98	27.96	15.5	0.087	1462.6
290.0	1.92	1.90	34.97	27.96	15.4	0.088	1462.7
296.1	1.89	1.88	34.97	27.96	15.4	0.089	1462.7

DEPTH TEMP. SALIN



MIZEX-83 67 -1

7-15-83



MIZEX-83 68 -1

7-15-83

MIZEX-83 STATION 69(1) CTD 15/JUL/1983 2240 GMT CODE = 1
LAT = 79 2550N LNG = 0.6017W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

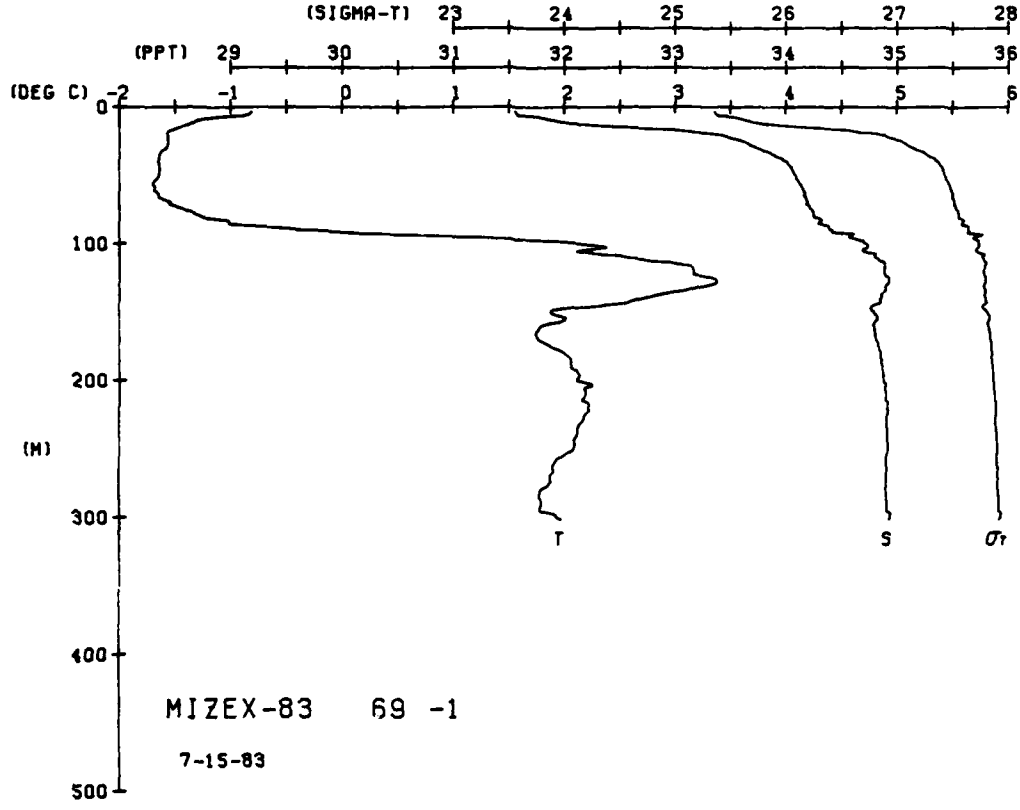
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.77	-0.77	31.46	25.28	268.2	0.000	1440.8
1.9	-0.77	-0.77	31.46	25.28	268.2	0.005	1440.8
5.0	-0.83	-0.83	31.58	25.38	258.8	0.013	1440.8
10.0	-1.31	-1.31	31.88	25.63	234.6	0.026	1439.0
15.0	-1.44	-1.44	32.42	26.07	192.7	0.037	1439.2
20.0	-1.58	-1.58	33.32	26.81	122.9	0.045	1439.9
25.0	-1.57	-1.57	33.59	27.03	101.8	0.050	1440.4
30.0	-1.58	-1.58	33.71	27.13	92.4	0.055	1440.6
35.0	-1.65	-1.65	33.87	27.26	79.7	0.060	1440.7
40.0	-1.65	-1.65	33.99	27.36	70.8	0.063	1440.9
45.0	-1.64	-1.64	34.05	27.40	66.3	0.067	1441.1
50.0	-1.65	-1.65	34.08	27.43	63.7	0.070	1441.2
55.0	-1.69	-1.70	34.11	27.45	61.5	0.073	1441.1
60.0	-1.69	-1.69	34.15	27.48	58.5	0.076	1441.2
65.0	-1.65	-1.65	34.16	27.50	57.5	0.079	1441.5
70.0	-1.54	-1.54	34.20	27.52	54.9	0.082	1442.2
75.0	-1.44	-1.44	34.23	27.54	53.1	0.085	1442.8
80.0	-1.28	-1.28	34.25	27.56	51.5	0.088	1443.6
85.0	-1.02	-1.02	34.30	27.59	48.8	0.090	1445.0
90.0	-0.42	-0.43	34.40	27.64	44.0	0.092	1448.0
95.0	0.91	0.90	34.59	27.72	36.7	0.094	1454.4
100.0	2.08	2.07	34.70	27.72	36.9	0.096	1459.8
110.0	2.51	2.51	34.80	27.77	32.9	0.100	1462.0
120.0	3.17	3.16	34.89	27.78	32.0	0.103	1465.2
130.0	3.34	3.33	34.91	27.78	31.6	0.106	1466.1
140.0	2.73	2.72	34.86	27.80	29.8	0.109	1463.6
150.0	1.88	1.87	34.80	27.82	28.0	0.112	1459.9
160.0	1.81	1.80	34.79	27.82	27.9	0.115	1459.8
170.0	1.77	1.76	34.81	27.84	26.0	0.118	1459.8
180.0	1.99	1.98	34.86	27.86	24.3	0.120	1461.0
190.0	2.07	2.06	34.87	27.86	24.4	0.123	1461.5
200.0	2.11	2.10	34.88	27.86	24.1	0.125	1461.9
210.0	2.19	2.18	34.90	27.88	23.0	0.128	1462.4
220.0	2.21	2.20	34.91	27.88	22.4	0.130	1462.7
230.0	2.16	2.15	34.90	27.88	22.6	0.132	1462.7
240.0	2.11	2.10	34.92	27.90	21.3	0.135	1462.6
250.0	2.08	2.07	34.92	27.90	20.6	0.137	1462.6
260.0	1.92	1.91	34.90	27.90	20.7	0.139	1462.1
270.0	1.88	1.86	34.90	27.91	20.3	0.141	1462.1
280.0	1.80	1.78	34.90	27.91	19.8	0.143	1461.9
290.0	1.80	1.78	34.91	27.92	19.3	0.145	1462.0
300.0	1.93	1.92	34.94	27.93	18.2	0.147	1462.9

DEPTH TEMP. SALIN

MIZEX-83 STATION 70(1) CTD 15/JUL/1983 2321 GMT CODE = 1
LAT = 79 7533N LNG = -0.6117W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.93	-0.93	32.23	25.91	208.3	0.000	1441.1
2.0	-0.93	-0.93	32.23	25.91	208.3	0.004	1441.2
5.0	-0.80	-0.80	32.36	26.00	199.3	0.010	1442.0
10.0	0.31	0.31	32.70	26.24	177.2	0.020	1447.7
15.0	2.73	2.73	33.67	26.84	119.7	0.027	1459.9
20.0	2.71	2.71	34.03	27.14	92.0	0.033	1460.4
25.0	5.38	5.38	34.66	27.36	70.8	0.037	1472.5
30.0	4.26	4.26	34.66	27.49	58.5	0.040	1468.0
35.0	2.54	2.53	34.46	27.49	58.4	0.043	1460.4
40.0	4.59	4.59	34.44	27.28	79.1	0.047	1469.2
45.0	5.06	5.06	34.92	27.60	48.1	0.050	1471.9
50.0	5.12	5.11	34.99	27.66	43.3	0.052	1472.3
55.0	4.90	4.89	35.01	27.69	39.9	0.054	1471.5
60.0	4.76	4.75	35.00	27.71	38.7	0.056	1471.0
65.0	4.63	4.63	35.00	27.72	37.7	0.058	1470.6
70.0	4.55	4.54	35.00	27.73	36.5	0.060	1470.3
75.0	4.58	4.58	35.01	27.73	36.6	0.062	1470.5
80.0	4.58	4.58	35.02	27.74	35.9	0.064	1470.6
85.0	4.30	4.30	35.01	27.77	33.2	0.065	1469.5
90.0	4.23	4.22	35.00	27.76	33.6	0.067	1469.3
95.0	4.17	4.16	34.99	27.76	33.4	0.069	1469.1
100.0	4.27	4.26	35.02	27.78	32.2	0.070	1469.7
110.0	4.11	4.11	35.03	27.80	30.2	0.074	1469.2
120.0	3.87	3.87	35.03	27.82	28.3	0.077	1468.3
130.0	3.80	3.79	35.02	27.83	27.8	0.079	1468.2
140.0	3.58	3.57	35.01	27.84	26.7	0.082	1467.4
150.0	3.43	3.42	35.01	27.85	25.5	0.085	1467.0
160.0	3.30	3.29	35.00	27.86	25.1	0.087	1466.5
170.0	3.04	3.03	34.99	27.87	23.7	0.090	1465.6
180.0	2.86	2.85	34.98	27.88	22.5	0.092	1465.0
190.0	2.85	2.84	34.99	27.89	22.0	0.094	1465.1
200.0	2.63	2.62	34.98	27.90	20.7	0.097	1464.3
210.0	2.58	2.57	34.99	27.92	19.5	0.099	1464.3
220.0	2.56	2.55	34.98	27.91	19.9	0.101	1464.3
230.0	2.42	2.40	34.98	27.92	19.1	0.103	1463.9
240.0	2.33	2.32	34.97	27.92	18.9	0.105	1463.6
250.0	2.20	2.18	34.97	27.93	18.1	0.106	1463.2
260.0	2.12	2.11	34.97	27.94	17.6	0.108	1463.1
270.0	2.26	2.24	34.98	27.93	18.0	0.110	1463.8
280.0	2.23	2.22	34.99	27.94	17.1	0.112	1463.9
290.0	2.17	2.16	34.99	27.95	16.8	0.114	1463.8
294.5	2.14	2.13	34.98	27.94	16.9	0.114	1463.7

DEPTH TEMP. SALIN



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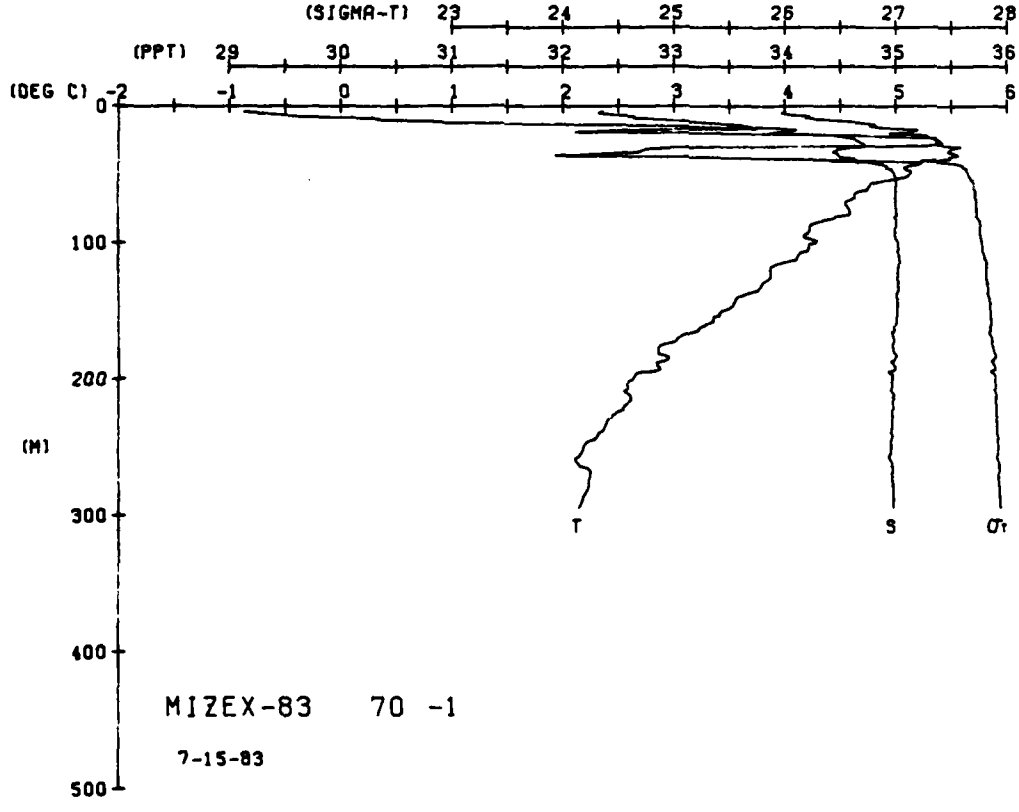
7-15-83



MIZEX-83 70 -1

7-15-83

MIZEX-83 STATION 71(1) CTD 18/JUL/1983 1358 GMT CODE = 1
LAT = 78.9467N LNG = -1.3550W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

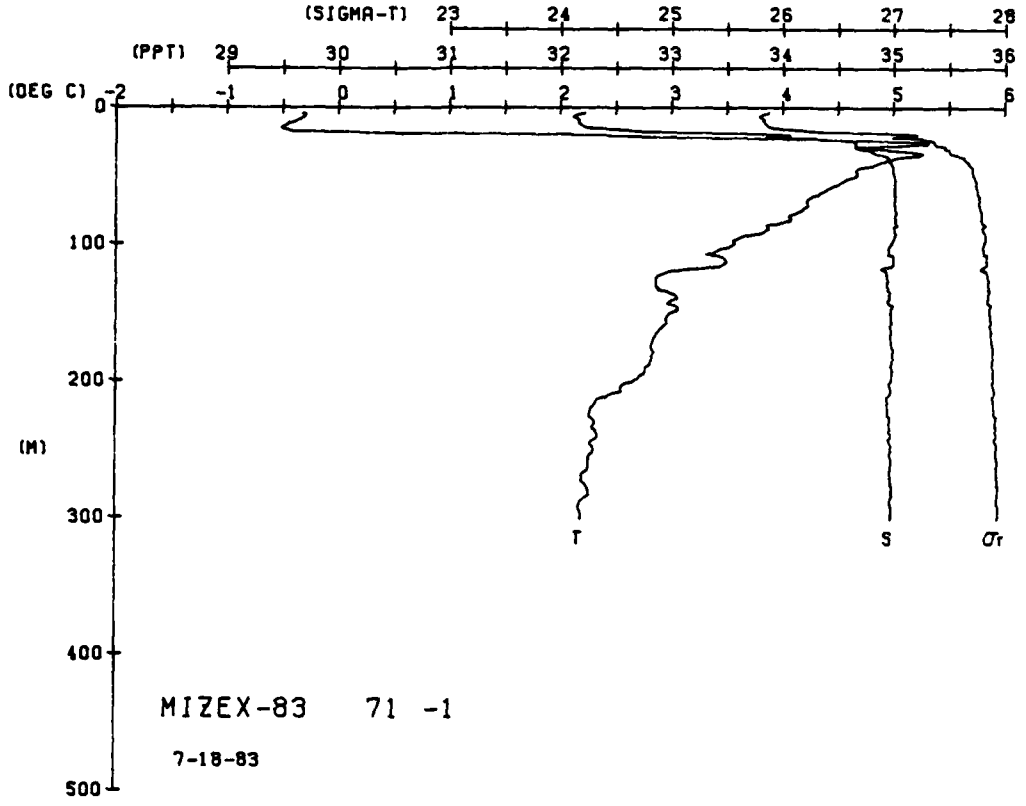
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.22	-0.22	32.26	25.91	208.6	0.000	1444.5
2.0	-0.22	-0.22	32.26	25.91	208.6	0.004	1444.5
5.0	-0.31	-0.31	32.19	25.85	213.6	0.011	1444.1
10.0	-0.39	-0.39	32.16	25.83	215.7	0.022	1443.7
15.0	-0.52	-0.52	32.23	25.89	210.1	0.032	1443.3
20.0	1.51	1.51	34.10	27.29	77.5	0.040	1455.2
25.0	5.28	5.28	34.68	27.39	68.0	0.043	1472.2
30.0	4.73	4.73	34.68	27.45	62.4	0.046	1470.0
35.0	5.26	5.26	34.89	27.56	52.0	0.049	1472.5
40.0	4.89	4.89	34.98	27.67	41.8	0.052	1471.2
45.0	4.67	4.67	34.99	27.71	38.1	0.054	1470.4
50.0	4.66	4.66	35.01	27.72	37.2	0.056	1470.5
55.0	4.52	4.52	35.02	27.74	35.1	0.058	1470.0
60.0	4.40	4.40	35.01	27.75	33.9	0.059	1469.5
65.0	4.27	4.27	35.02	27.77	32.1	0.061	1469.1
70.0	4.22	4.22	35.00	27.77	32.9	0.063	1468.9
75.0	4.18	4.17	35.02	27.78	31.6	0.064	1468.9
80.0	4.06	4.05	35.00	27.78	31.7	0.066	1468.4
85.0	3.96	3.95	35.03	27.81	28.5	0.067	1468.1
90.0	3.85	3.84	35.01	27.81	28.6	0.069	1467.7
95.0	3.62	3.61	35.01	27.83	26.7	0.070	1466.8
100.0	3.56	3.55	34.98	27.81	28.8	0.072	1466.6
110.0	3.48	3.47	35.00	27.84	26.2	0.074	1466.5
120.0	2.98	2.97	34.94	27.84	26.2	0.077	1464.4
130.0	2.86	2.85	34.94	27.85	25.1	0.080	1464.1
140.0	3.05	3.04	34.96	27.85	25.1	0.082	1465.1
150.0	3.01	3.00	34.98	27.87	23.8	0.085	1465.1
160.0	2.93	2.92	34.98	27.87	23.3	0.087	1464.9
170.0	2.84	2.83	34.98	27.89	22.0	0.089	1464.7
180.0	2.84	2.82	34.99	27.89	21.6	0.091	1464.9
190.0	2.77	2.76	34.98	27.89	21.6	0.094	1464.7
200.0	2.66	2.65	34.97	27.89	21.4	0.096	1464.4
210.0	2.44	2.43	34.97	27.91	19.7	0.098	1463.6
220.0	2.28	2.26	34.94	27.90	20.5	0.100	1463.0
230.0	2.31	2.30	34.97	27.92	19.2	0.102	1463.4
240.0	2.34	2.33	34.98	27.93	18.4	0.104	1463.7
250.0	2.30	2.29	34.97	27.93	18.5	0.106	1463.7
260.0	2.25	2.24	34.98	27.93	17.8	0.108	1463.6
270.0	2.20	2.18	34.98	27.94	17.6	0.109	1463.6
280.0	2.26	2.24	34.99	27.94	17.4	0.111	1464.0
290.0	2.18	2.16	34.97	27.93	17.9	0.113	1463.8
300.0	2.19	2.17	34.98	27.94	17.2	0.115	1464.0
302.0	2.18	2.16	34.98	27.94	17.5	0.115	1464.0

DEPTH TEMP. SALIN

MIZEX-83 STATION 72(1) CTD 18/JUL/1983 1425 GMT CODE = 1
LAT = 79.2550N LNG = -1.5000W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.77	-0.77	31.60	25.39	257.9	0.000	1441.0
4.9	-0.77	-0.77	31.60	25.39	257.8	0.013	1441.1
5.0	-0.77	-0.77	31.60	25.39	257.8	0.013	1441.1
10.0	-0.80	-0.80	31.67	25.45	252.0	0.026	1441.1
15.0	-0.89	-0.89	32.39	26.03	196.6	0.037	1441.8
20.0	0.68	0.68	33.79	27.09	96.1	0.045	1451.0
25.0	1.95	1.95	34.12	27.27	79.3	0.049	1457.2
30.0	-0.07	-0.07	34.17	27.44	62.8	0.053	1448.3
35.0	-0.91	-0.91	34.26	27.55	52.2	0.056	1444.7
40.0	-1.56	-1.56	34.24	27.56	51.7	0.058	1441.7
45.0	-1.35	-1.35	34.26	27.57	50.9	0.061	1442.8
50.0	-0.56	-0.56	34.24	27.32	55.5	0.064	1446.5
55.0	1.30	1.30	34.39	27.53	54.6	0.066	1455.3
60.0	2.05	2.04	34.67	27.71	38.1	0.069	1459.0
65.0	1.97	1.96	34.72	27.75	33.9	0.070	1458.8
70.0	2.61	2.61	34.79	27.75	33.9	0.072	1461.8
75.0	2.67	2.67	34.81	27.76	33.3	0.074	1462.2
80.0	2.73	2.73	34.85	27.79	30.2	0.075	1462.6
85.0	2.89	2.88	34.93	27.84	26.1	0.077	1463.4
90.0	3.27	3.27	34.95	27.82	28.2	0.078	1465.2
95.0	2.59	2.59	34.63	27.63	45.7	0.080	1461.9
100.0	2.06	2.05	34.82	27.82	27.5	0.082	1459.9
110.0	1.99	1.98	34.81	27.82	27.5	0.085	1459.8
120.0	2.07	2.07	34.85	27.84	25.6	0.087	1460.4
130.0	2.32	2.31	34.88	27.85	25.2	0.090	1461.6
140.0	2.47	2.46	34.89	27.84	25.6	0.093	1462.5
150.0	2.59	2.58	34.92	27.86	24.7	0.095	1463.2
160.0	2.47	2.46	34.91	27.86	23.9	0.098	1462.8
170.0	2.40	2.39	34.89	27.85	25.2	0.100	1462.7
180.0	2.44	2.42	34.94	27.88	22.1	0.102	1463.1
190.0	2.35	2.34	34.92	27.88	22.5	0.105	1462.8
200.0	2.37	2.36	34.95	27.90	21.0	0.107	1463.1
210.0	2.35	2.34	34.94	27.89	21.6	0.109	1463.2
220.0	2.29	2.27	34.94	27.90	21.0	0.111	1463.1
230.0	2.21	2.19	34.94	27.90	20.5	0.113	1462.9
240.0	2.17	2.16	34.94	27.91	20.2	0.115	1462.9
250.0	2.17	2.16	34.94	27.91	19.8	0.117	1463.1
260.0	2.12	2.11	34.94	27.91	19.6	0.119	1463.0
270.0	2.08	2.07	34.94	27.92	19.3	0.121	1463.0
280.0	2.07	2.06	34.95	27.92	18.6	0.123	1463.2
290.0	2.07	2.05	34.95	27.93	18.5	0.125	1463.3
300.0	2.03	2.01	34.95	27.93	18.0	0.127	1463.3
310.0	1.99	1.97	34.96	27.94	17.5	0.129	1463.3
320.0	1.95	1.93	34.95	27.94	17.5	0.131	1463.3
330.0	1.95	1.93	34.96	27.94	17.2	0.132	1463.4
340.0	1.94	1.92	34.96	27.95	16.8	0.134	1463.6
350.0	1.93	1.91	34.96	27.95	16.6	0.136	1463.7
360.0	1.91	1.89	34.96	27.95	16.7	0.137	1463.8
370.0	1.90	1.88	34.97	27.95	16.4	0.139	1463.9
380.0	1.88	1.86	34.96	27.95	16.4	0.141	1464.0
390.0	1.73	1.71	34.96	27.96	15.9	0.142	1463.5
400.0	1.66	1.64	34.95	27.96	15.7	0.144	1463.3
408.8	1.74	1.72	34.97	27.96	15.3	0.145	1463.9

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
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100
200
(M)
300
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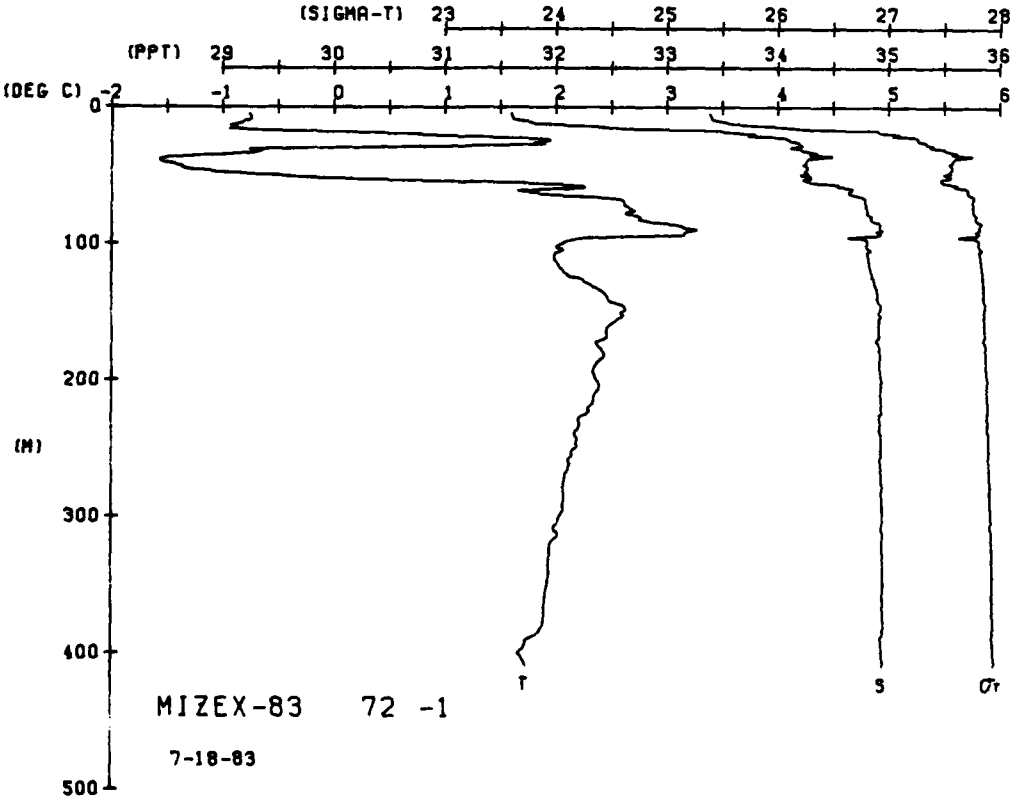
MIZEX-83 71 -1
7-18-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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100
200
(M)
300
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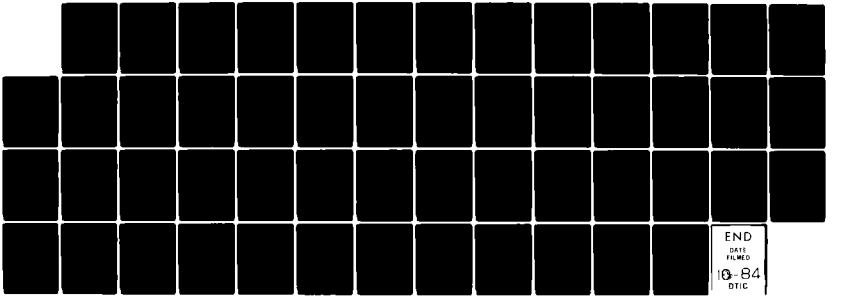
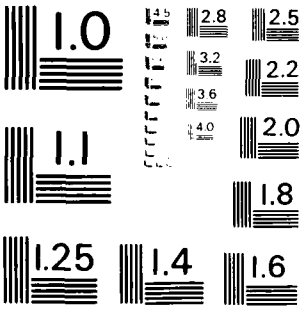
MIZEX-83 72 -1
7-18-83

AD-A145 848 PHYSICAL OCEANOGRAPHY REPORT HELICOPTER-BASED STD DATA 2/2
FROM MIZEX 83 (MAR..(U) LAMONT-DOHERTY GEOLOGICAL
OBSERVATORY PALISADES NY T O MANLEY ET AL. SEP 84
UNCLASSIFIED LDGO-84-3 N00014-76-C-0004 F/G 8/10 NL





MIZEX-83 STATION 73(1) CTD 18/JUL/1983 1450 GMT CODE = 1
LAT = 78.8883N LNG = -1.0117W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

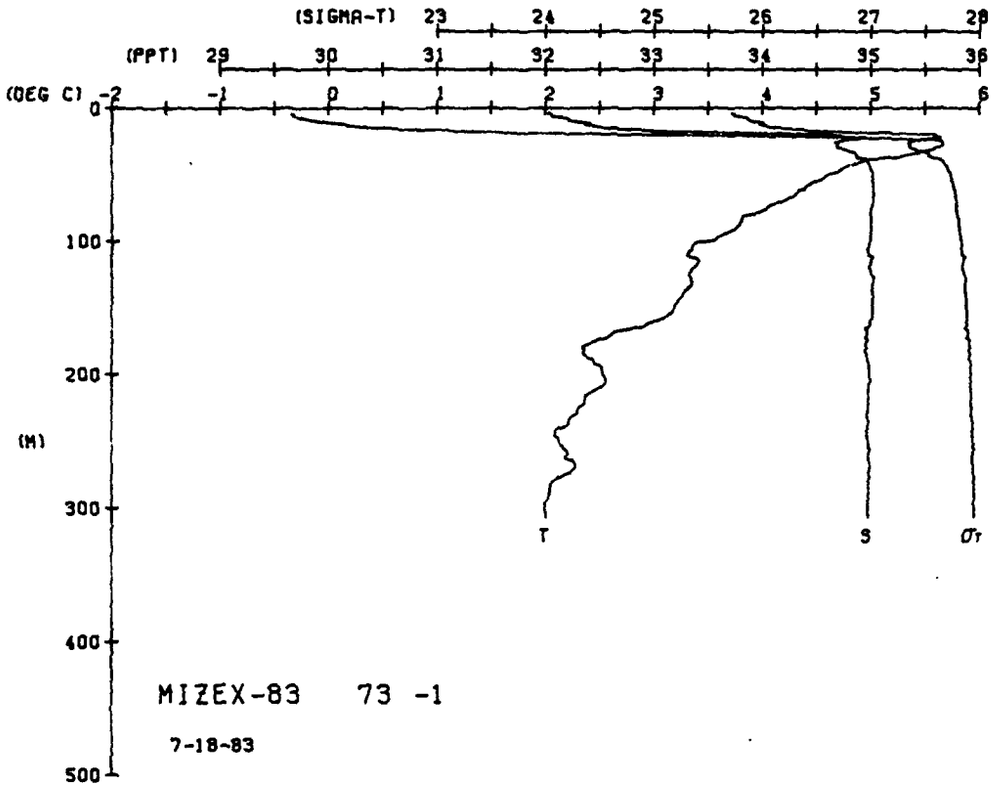
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.35	-0.35	32.03	25.72	225.8	0.000	1443.5
2.0	-0.35	-0.36	32.03	25.72	225.8	0.005	1443.6
5.0	-0.42	-0.42	32.20	25.87	212.4	0.011	1443.5
10.0	-0.15	-0.15	32.26	25.90	209.1	0.022	1444.9
15.0	0.35	0.35	32.50	26.07	193.0	0.032	1447.7
20.0	2.40	2.40	34.25	27.34	73.0	0.039	1459.3
25.0	5.64	5.64	34.73	27.38	69.0	0.042	1473.7
30.0	5.61	5.61	34.70	27.37	70.3	0.046	1473.6
35.0	5.35	5.35	34.87	27.53	55.2	0.049	1472.9
40.0	4.94	4.94	34.96	27.65	43.5	0.052	1471.4
45.0	4.76	4.76	35.00	27.70	38.9	0.054	1470.8
50.0	4.62	4.62	35.01	27.73	36.2	0.056	1470.3
55.0	4.52	4.51	35.00	27.73	36.0	0.057	1469.9
60.0	4.39	4.39	35.02	27.76	33.2	0.059	1469.5
65.0	4.30	4.29	35.02	27.77	32.6	0.061	1469.2
70.0	4.19	4.19	35.02	27.78	31.5	0.062	1468.9
75.0	4.04	4.04	35.00	27.79	31.1	0.064	1468.3
80.0	3.91	3.90	35.00	27.80	29.9	0.066	1467.8
85.0	3.81	3.80	35.00	27.80	29.3	0.067	1467.5
90.0	3.76	3.76	35.00	27.81	28.7	0.068	1467.3
95.0	3.64	3.63	34.99	27.81	28.6	0.070	1466.9
100.0	3.54	3.53	34.98	27.82	28.0	0.071	1466.5
110.0	3.30	3.29	34.97	27.83	27.0	0.074	1465.7
120.0	3.38	3.37	34.98	27.83	27.2	0.077	1466.2
130.0	3.35	3.34	35.02	27.87	23.3	0.079	1466.3
140.0	3.26	3.25	35.01	27.87	23.5	0.082	1466.1
150.0	3.19	3.18	35.02	27.88	22.5	0.084	1465.9
160.0	3.03	3.02	34.99	27.87	23.5	0.086	1465.3
170.0	2.61	2.60	34.97	27.90	20.7	0.089	1463.7
180.0	2.33	2.32	34.95	27.91	20.1	0.091	1462.6
190.0	2.44	2.42	34.98	27.92	18.8	0.093	1463.3
200.0	2.52	2.51	34.98	27.91	19.9	0.095	1463.8
210.0	2.50	2.49	34.98	27.91	19.9	0.097	1463.9
220.0	2.36	2.34	34.98	27.92	18.7	0.099	1463.4
230.0	2.28	2.27	34.96	27.92	19.3	0.101	1463.2
240.0	2.14	2.13	34.95	27.92	18.7	0.102	1462.8
250.0	2.12	2.11	34.97	27.93	17.6	0.104	1462.9
260.0	2.20	2.19	34.97	27.93	17.7	0.106	1463.4
270.0	2.28	2.26	34.99	27.94	17.3	0.108	1463.9
280.0	2.08	2.07	34.97	27.94	16.9	0.110	1463.2
290.0	2.03	2.01	34.98	27.95	16.0	0.111	1463.2
300.0	2.00	1.98	34.98	27.96	15.8	0.113	1463.2

DEPTH TEMP. SALIN

MIZEX-83 STATION 74(1) CTD 18/JUL/1983 1519 GMT CODE = 1
LAT = 79.2500N LNG = -1.0167W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.36	-0.36	31.67	25.43	253.8	0.000	1443.0
4.2	-0.36	-0.36	31.67	25.43	253.8	0.011	1443.1
5.0	-0.35	-0.35	31.67	25.43	253.8	0.013	1443.1
10.0	-0.46	-0.46	31.74	25.50	247.4	0.026	1442.8
15.0	-0.29	-0.29	33.33	26.77	126.3	0.035	1445.9
20.0	-1.64	-1.64	33.83	27.23	83.3	0.040	1440.4
25.0	-1.69	-1.69	33.95	27.32	74.2	0.044	1440.4
30.0	-1.74	-1.74	34.02	27.39	68.0	0.048	1440.3
35.0	-1.74	-1.74	34.05	27.40	66.2	0.051	1440.4
40.0	-1.73	-1.73	34.09	27.44	62.8	0.054	1440.7
45.0	-1.73	-1.73	34.13	27.47	59.8	0.058	1440.8
50.0	-1.73	-1.73	34.15	27.49	58.2	0.061	1440.9
55.0	-1.73	-1.73	34.17	27.50	56.7	0.063	1441.0
60.0	-1.50	-1.50	34.22	27.54	53.3	0.066	1442.2
65.0	-1.26	-1.26	34.26	27.57	50.9	0.069	1443.5
70.0	-1.01	-1.02	34.32	27.60	47.7	0.071	1444.8
75.0	-0.78	-0.78	34.36	27.62	45.5	0.074	1446.0
80.0	-0.57	-0.58	34.40	27.65	43.0	0.076	1447.1
85.0	-0.43	-0.43	34.44	27.67	40.8	0.078	1447.9
90.0	-0.33	-0.33	34.50	27.72	36.5	0.080	1448.6
95.0	0.03	0.02	34.52	27.72	36.5	0.082	1450.3
100.0	0.96	0.96	34.60	27.75	33.7	0.084	1453.0
110.0	1.15	1.14	34.70	27.80	29.7	0.087	1455.9
120.0	1.43	1.42	34.74	27.81	28.5	0.090	1457.4
130.0	1.77	1.76	34.80	27.83	26.6	0.093	1459.1
140.0	1.86	1.85	34.82	27.84	25.8	0.095	1459.7
150.0	1.91	1.91	34.83	27.84	25.6	0.098	1460.1
160.0	2.10	2.09	34.88	27.87	23.6	0.100	1461.2
170.0	2.15	2.15	34.88	27.86	24.2	0.103	1461.6
180.0	2.20	2.19	34.89	27.87	23.5	0.105	1462.0
190.0	2.22	2.21	34.90	27.87	23.4	0.108	1462.2
200.0	2.25	2.24	34.92	27.89	22.0	0.110	1462.6
210.0	2.26	2.25	34.92	27.89	21.8	0.112	1462.8
220.0	2.22	2.21	34.92	27.89	21.8	0.114	1462.8
230.0	2.19	2.18	34.92	27.89	21.4	0.116	1462.8
240.0	2.13	2.12	34.92	27.89	21.4	0.119	1462.7
250.0	2.14	2.12	34.93	27.90	20.5	0.121	1462.9
260.0	2.08	2.07	34.92	27.90	20.7	0.123	1462.8
270.0	2.00	1.99	34.93	27.92	19.4	0.125	1462.6
280.0	1.99	1.98	34.94	27.92	19.0	0.127	1462.8
290.0	1.94	1.93	34.93	27.92	19.1	0.129	1462.7
300.0	1.94	1.92	34.93	27.92	18.8	0.131	1462.9
310.0	1.90	1.89	34.93	27.93	18.5	0.133	1462.9
320.0	1.87	1.85	34.94	27.93	17.8	0.134	1462.9
330.0	1.86	1.84	34.94	27.93	17.8	0.136	1463.0
340.0	1.80	1.78	34.93	27.93	18.3	0.138	1462.9
350.0	1.69	1.67	34.93	27.94	17.3	0.140	1462.6
360.0	1.64	1.62	34.93	27.94	16.9	0.142	1462.5
370.0	1.57	1.55	34.91	27.94	17.6	0.143	1462.4
380.0	1.61	1.59	34.94	27.95	16.3	0.145	1462.7
390.0	1.57	1.55	34.93	27.95	16.1	0.147	1462.7
400.0	1.35	1.33	34.91	27.95	16.4	0.148	1461.9
408.6	1.29	1.27	34.92	27.96	14.9	0.150	1461.8

DEPTH TEMP. SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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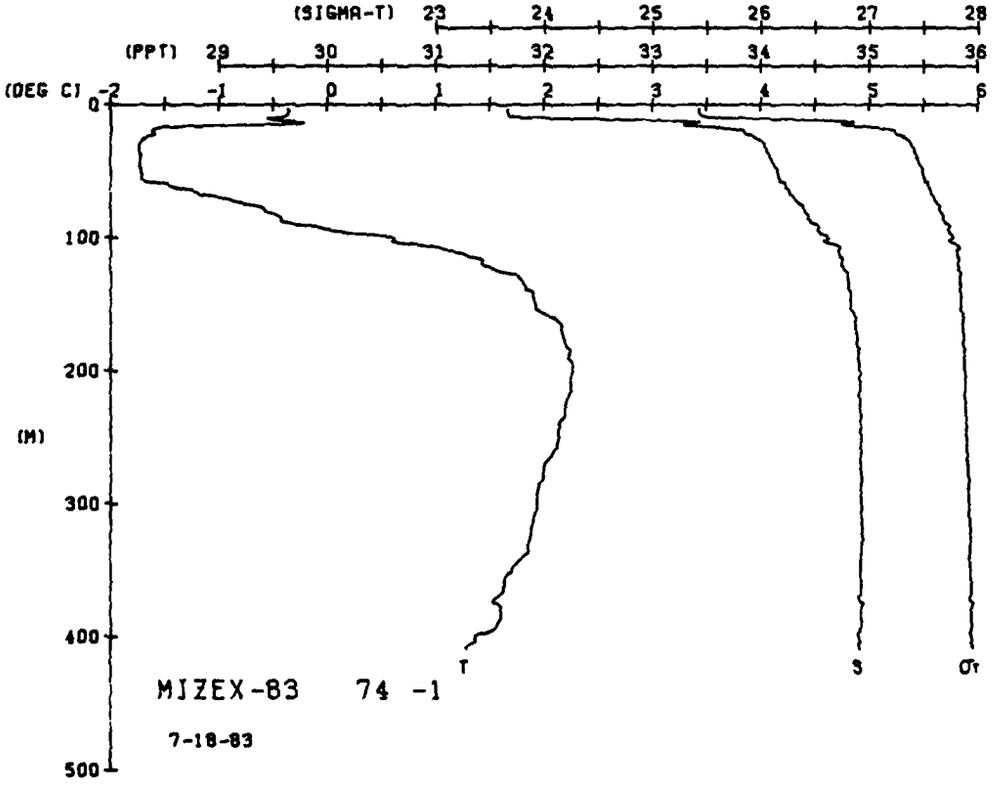
MIZEX-83 73 -1
7-18-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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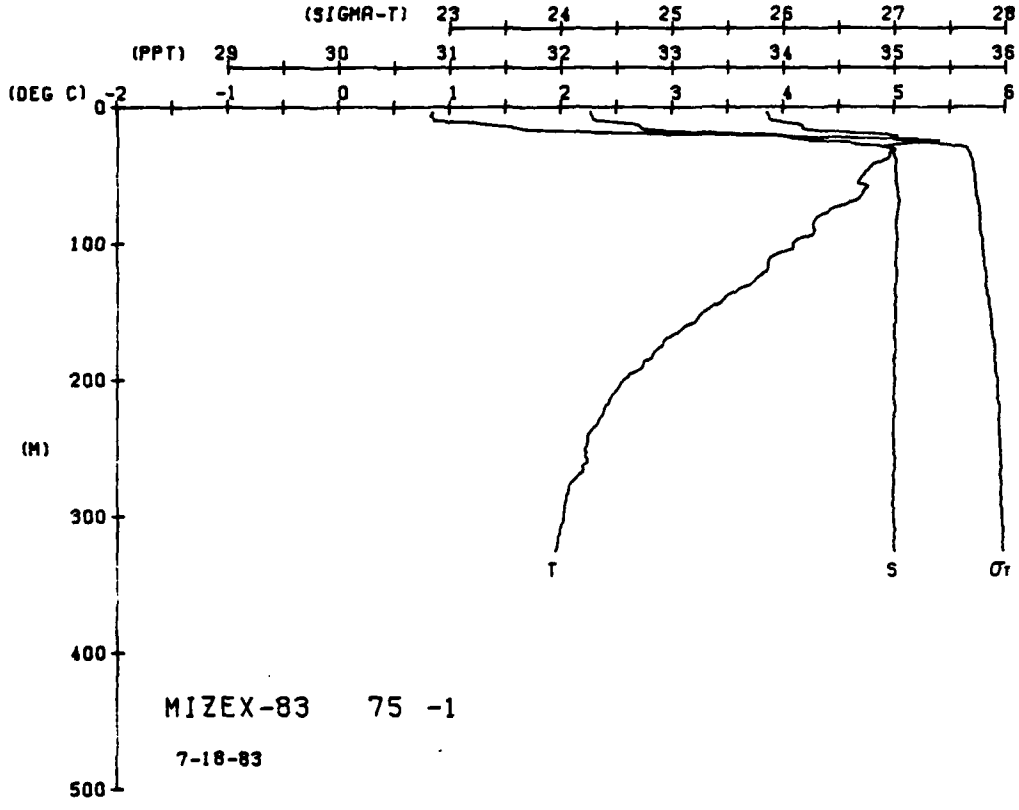
MIZEX-83 74 -1
7-18-83

MIZEX-83 STATION 75(1) CTD 18/JUL/1983 1539 GMT CODE = 1
LAT = 78.8367N LNG = -0.6350W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.81	0.81	32.26	25.86	213.2	0.000	1449.2
2.0	0.81	0.81	32.26	25.86	213.2	0.004	1449.2
5.0	0.85	0.85	32.27	25.86	213.0	0.011	1449.5
10.0	0.86	0.86	32.31	25.89	209.9	0.021	1449.6
15.0	1.50	1.50	32.70	26.17	184.0	0.031	1453.2
20.0	2.73	2.72	33.50	26.71	132.4	0.039	1459.7
25.0	5.34	5.34	34.26	27.05	100.4	0.045	1471.9
30.0	4.93	4.93	34.94	27.64	44.7	0.049	1471.1
35.0	4.95	4.95	35.00	27.68	40.6	0.051	1471.4
40.0	4.89	4.89	35.01	27.69	39.4	0.053	1471.2
45.0	4.78	4.77	35.00	27.70	38.6	0.055	1470.8
50.0	4.73	4.72	35.01	27.71	37.7	0.057	1470.7
55.0	4.67	4.67	35.01	27.72	37.1	0.059	1470.6
60.0	4.75	4.75	35.03	27.73	36.6	0.061	1471.0
65.0	4.70	4.70	35.03	27.74	35.8	0.063	1470.9
70.0	4.61	4.60	35.04	27.75	34.2	0.064	1470.6
75.0	4.44	4.43	35.03	27.76	33.6	0.066	1470.0
80.0	4.32	4.32	35.02	27.77	32.8	0.068	1469.6
85.0	4.27	4.27	35.01	27.77	33.1	0.069	1469.4
90.0	4.28	4.27	35.02	27.77	32.5	0.071	1469.6
95.0	4.23	4.22	35.02	27.78	31.7	0.073	1469.4
100.0	4.08	4.08	35.02	27.79	30.7	0.074	1468.9
110.0	3.90	3.89	35.01	27.81	29.3	0.077	1468.3
120.0	3.85	3.84	35.01	27.81	28.9	0.080	1468.2
130.0	3.70	3.70	35.00	27.82	28.3	0.083	1467.8
140.0	3.47	3.47	35.01	27.85	25.5	0.086	1467.0
150.0	3.30	3.29	35.01	27.86	24.2	0.088	1466.4
160.0	3.14	3.13	35.00	27.87	23.7	0.091	1465.8
170.0	2.94	2.93	35.00	27.89	21.8	0.093	1465.2
180.0	2.84	2.83	35.01	27.91	20.2	0.095	1464.9
190.0	2.73	2.72	35.00	27.91	20.2	0.097	1464.6
200.0	2.57	2.56	35.01	27.93	17.8	0.099	1464.1
210.0	2.48	2.47	35.00	27.93	18.1	0.101	1463.8
220.0	2.39	2.38	35.00	27.94	16.8	0.103	1463.6
230.0	2.34	2.32	34.99	27.94	17.4	0.105	1463.5
240.0	2.24	2.23	34.98	27.94	17.5	0.106	1463.3
250.0	2.22	2.20	34.98	27.94	17.4	0.108	1463.3
260.0	2.24	2.23	35.00	27.95	16.2	0.110	1463.6
270.0	2.16	2.15	34.98	27.94	16.8	0.111	1463.4
280.0	2.07	2.06	34.99	27.96	15.6	0.113	1463.2
290.0	2.04	2.03	34.98	27.95	16.2	0.115	1463.2
300.0	2.02	2.00	34.99	27.96	15.4	0.116	1463.3
310.0	1.98	1.96	35.00	27.97	14.4	0.118	1463.3
320.0	1.97	1.95	34.99	27.97	14.9	0.119	1463.4
326.2	1.94	1.92	34.99	27.97	14.5	0.120	1463.4

MIZEX-83 STATION 76(1) CTD 18/JUL/1983 1608 GMT CODE = 1
LAT = 79.2533N LNG = -0.4267W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.82	-0.82	31.82	25.57	240.2	0.000	1441.1
1.9	-0.82	-0.82	31.82	25.57	240.2	0.005	1441.1
5.0	-0.83	-0.83	31.77	25.53	243.9	0.012	1441.0
10.0	-0.78	-0.78	31.67	25.45	251.7	0.025	1441.2
15.0	-0.95	-0.95	31.77	25.54	243.5	0.037	1440.6
20.0	-1.36	-1.36	32.31	25.98	201.0	0.049	1439.6
25.0	-1.53	-1.53	33.32	26.80	123.1	0.057	1440.2
30.0	-1.58	-1.58	33.67	27.10	95.6	0.062	1440.6
35.0	-1.60	-1.60	33.89	27.27	79.0	0.067	1440.9
40.0	-1.64	-1.64	33.95	27.32	73.8	0.070	1440.9
45.0	-1.66	-1.66	34.02	27.38	68.3	0.074	1441.0
50.0	-1.65	-1.65	34.06	27.41	65.6	0.077	1441.1
55.0	-1.64	-1.64	34.09	27.44	62.7	0.081	1441.3
60.0	-1.68	-1.68	34.11	27.46	61.2	0.084	1441.3
65.0	-1.70	-1.71	34.15	27.49	58.3	0.087	1441.3
70.0	-1.60	-1.61	34.20	27.52	55.0	0.090	1441.9
75.0	-1.64	-1.64	34.23	27.55	52.2	0.092	1441.8
80.0	-1.34	-1.34	34.35	27.64	43.8	0.095	1443.5
85.0	-0.57	-0.57	34.41	27.66	42.4	0.097	1447.3
90.0	0.17	0.17	34.54	27.73	36.1	0.099	1450.9
95.0	0.31	0.31	34.45	27.65	43.6	0.101	1451.5
100.0	1.85	1.85	34.46	27.55	53.4	0.103	1458.5
110.0	2.88	2.87	34.86	27.78	31.3	0.108	1463.7
120.0	2.65	2.64	34.80	27.76	33.7	0.111	1462.8
130.0	2.60	2.60	34.86	27.81	28.8	0.114	1462.9
140.0	3.03	3.02	34.93	27.83	27.6	0.117	1464.9
150.0	2.85	2.84	34.78	27.72	37.5	0.120	1464.1
160.0	1.82	1.81	34.79	27.82	28.1	0.124	1459.8
170.0	1.74	1.73	34.80	27.83	26.4	0.126	1459.7
180.0	2.07	2.06	34.85	27.85	25.4	0.129	1461.4
190.0	2.04	2.03	34.85	27.85	25.1	0.132	1461.4
200.0	2.05	2.04	34.86	27.86	24.5	0.134	1461.6
210.0	2.14	2.13	34.88	27.86	24.0	0.137	1462.2
220.0	2.20	2.18	34.90	27.87	23.3	0.139	1462.6
230.0	2.17	2.16	34.90	27.88	22.5	0.141	1462.7
240.0	2.13	2.12	34.91	27.89	22.1	0.144	1462.7
250.0	2.16	2.14	34.92	27.90	21.1	0.146	1463.0
260.0	2.27	2.25	34.95	27.91	20.2	0.148	1463.7
270.0	2.24	2.23	34.95	27.91	20.0	0.150	1463.7
280.0	2.08	2.06	34.93	27.91	20.3	0.152	1463.1
290.0	1.97	1.96	34.91	27.90	21.0	0.154	1462.8
300.0	1.95	1.94	34.93	27.92	19.5	0.156	1462.9
310.0	2.01	1.99	34.96	27.94	17.8	0.158	1463.4
320.0	2.05	2.03	34.95	27.93	18.4	0.160	1463.7
330.0	2.08	2.06	34.97	27.94	17.0	0.162	1464.0
340.0	2.10	2.09	34.95	27.93	18.8	0.163	1464.3
350.0	2.02	2.00	34.96	27.94	17.9	0.165	1464.1
360.0	1.82	1.80	34.94	27.94	17.5	0.167	1463.3
370.0	1.76	1.74	34.93	27.94	17.7	0.169	1463.2


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
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(M)
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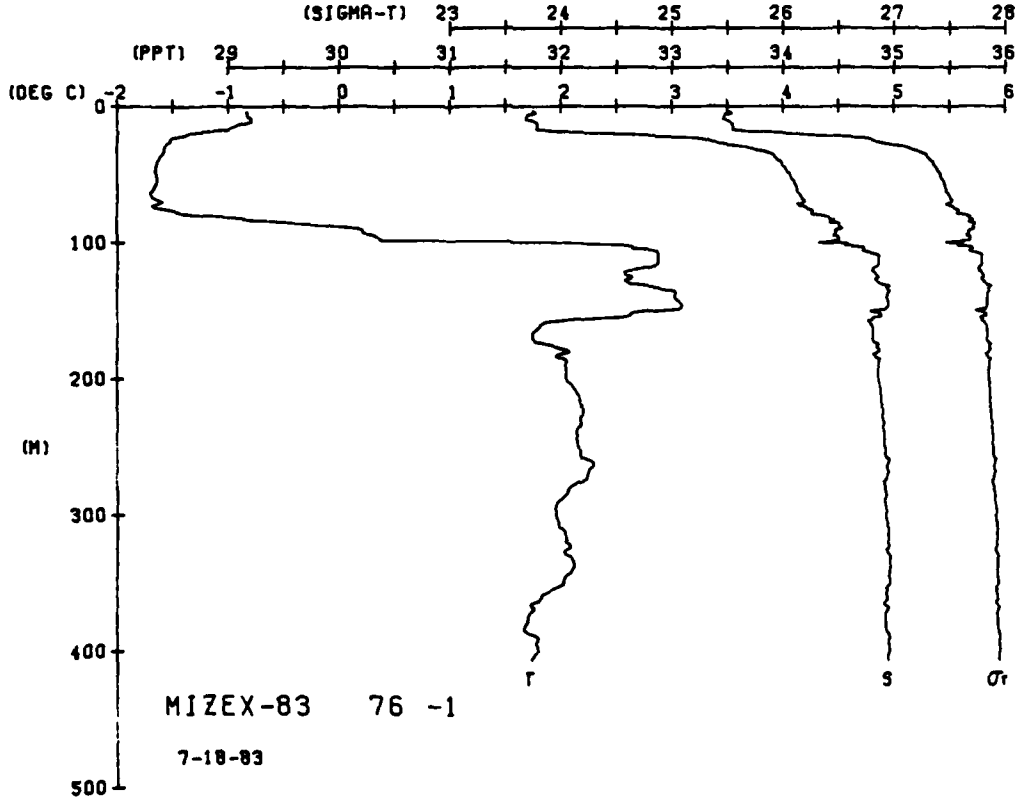
MIZEX-83 75 -1
7-18-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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MIZEX-83 76 -1
7-18-83

MIZEX-83 STATION 77(1) CTD 18/JUL/1983 1626 GMT CODE = 1
LAT = 78.7617N LNG = -0.3767W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

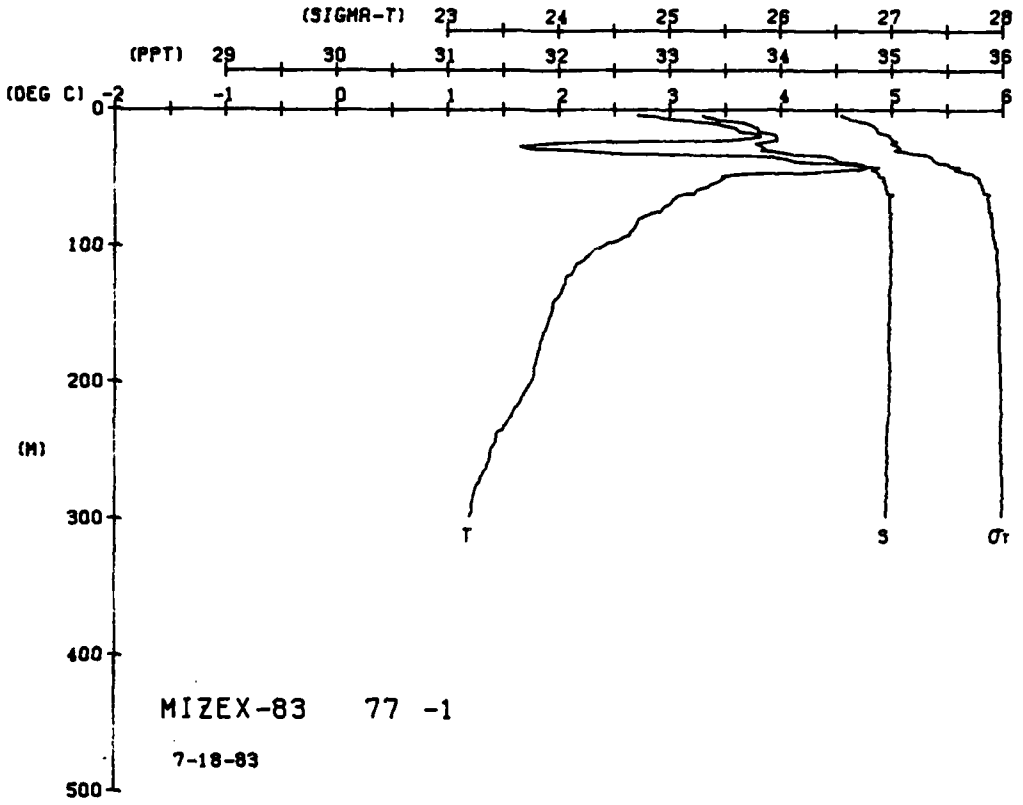
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	2.76	2.76	33.22	26.48	153.9	0.000	1459.1
2.0	2.76	2.75	33.22	26.48	153.9	0.003	1459.2
5.0	2.83	2.83	33.28	26.53	149.5	0.008	1459.6
10.0	3.36	3.36	33.65	26.77	126.5	0.015	1462.5
15.0	3.61	3.60	33.78	26.86	118.6	0.021	1463.8
20.0	3.82	3.82	33.97	26.98	106.7	0.027	1465.0
25.0	2.00	2.00	33.74	26.97	108.1	0.032	1457.0
30.0	1.93	1.93	33.81	27.03	102.5	0.037	1456.9
35.0	3.88	3.88	34.43	27.35	72.3	0.042	1466.2
40.0	4.45	4.45	34.71	27.50	57.3	0.045	1469.0
45.0	4.56	4.55	34.85	27.61	47.9	0.048	1469.7
50.0	3.50	3.49	34.93	27.78	31.4	0.050	1465.5
55.0	3.38	3.37	34.95	27.81	28.6	0.051	1465.1
60.0	3.24	3.23	34.96	27.83	26.4	0.053	1464.6
65.0	3.06	3.05	34.98	27.86	23.8	0.054	1463.9
70.0	2.99	2.99	34.98	27.87	23.0	0.055	1463.7
75.0	2.91	2.91	34.97	27.87	22.6	0.056	1463.4
80.0	2.73	2.73	34.99	27.90	19.7	0.057	1462.8
85.0	2.70	2.69	34.98	27.90	20.3	0.058	1462.7
90.0	2.64	2.64	34.99	27.91	19.3	0.059	1462.5
95.0	2.56	2.55	34.98	27.91	19.2	0.060	1462.2
100.0	2.41	2.41	34.98	27.92	17.9	0.061	1461.7
110.0	2.24	2.23	34.98	27.94	16.4	0.063	1461.1
120.0	2.12	2.11	34.99	27.95	15.2	0.065	1460.8
130.0	2.05	2.04	34.99	27.96	14.7	0.066	1460.6
140.0	1.96	1.96	34.99	27.96	14.1	0.067	1460.4
150.0	1.93	1.92	34.98	27.96	14.2	0.069	1460.4
160.0	1.89	1.88	34.98	27.97	13.9	0.070	1460.4
170.0	1.84	1.83	34.97	27.96	14.4	0.072	1460.3
180.0	1.81	1.80	34.98	27.97	13.8	0.073	1460.4
190.0	1.78	1.77	34.98	27.97	13.4	0.075	1460.4
200.0	1.75	1.73	34.97	27.97	13.6	0.076	1460.4
210.0	1.68	1.67	34.97	27.98	13.2	0.077	1460.3
220.0	1.59	1.58	34.97	27.98	12.8	0.079	1460.1
230.0	1.54	1.52	34.97	27.98	12.6	0.080	1460.0
240.0	1.44	1.43	34.96	27.98	12.7	0.081	1459.7
250.0	1.39	1.38	34.96	27.99	12.0	0.082	1459.6
260.0	1.36	1.35	34.96	27.99	12.1	0.084	1459.7
270.0	1.29	1.28	34.96	27.99	11.8	0.085	1459.5
280.0	1.24	1.23	34.96	28.00	11.3	0.086	1459.5
290.0	1.22	1.20	34.95	27.99	12.0	0.087	1459.5

DEPTH TEMP. SALIN

MIZEX-83 STATION 78(1) CTD 18/JUL/1983 1714 GMT CODE = 1
LAT = 78.7317N LNG = -0.0850W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

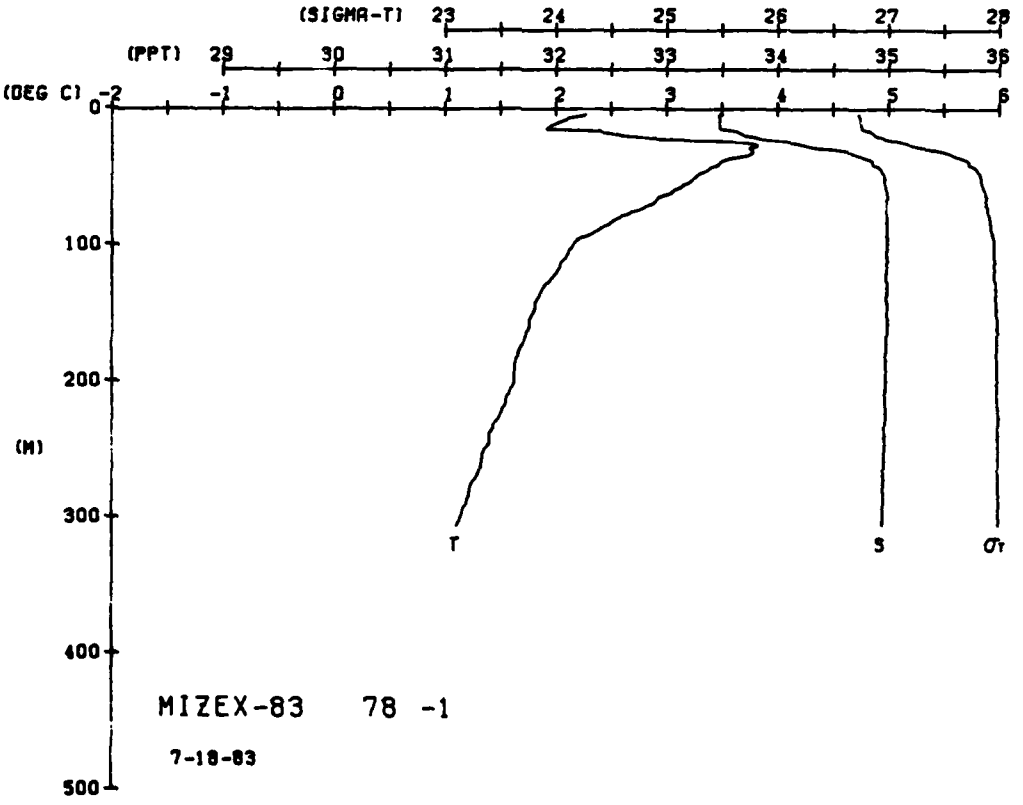
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	2.28	2.28	33.49	26.74	129.1	0.000	1457.4
2.0	2.28	2.28	33.49	26.74	129.1	0.003	1457.5
5.0	2.25	2.25	33.49	26.74	129.4	0.007	1457.4
10.0	2.03	2.03	33.47	26.74	129.1	0.013	1456.5
15.0	1.92	1.92	33.47	26.75	128.1	0.020	1456.1
20.0	2.59	2.59	33.70	26.88	115.8	0.026	1459.4
25.0	3.69	3.69	34.13	27.12	93.2	0.031	1464.8
30.0	3.74	3.74	34.47	27.39	68.1	0.035	1465.6
35.0	3.70	3.69	34.73	27.60	48.2	0.038	1465.8
40.0	3.47	3.47	34.85	27.72	36.7	0.040	1465.1
45.0	3.36	3.36	34.93	27.79	30.1	0.042	1464.8
50.0	3.25	3.25	34.95	27.82	27.2	0.043	1464.4
55.0	3.17	3.17	34.96	27.84	25.6	0.045	1464.2
60.0	3.06	3.06	34.98	27.86	23.3	0.046	1463.8
65.0	2.92	2.92	34.99	27.89	21.4	0.047	1463.3
70.0	2.88	2.88	34.99	27.89	21.3	0.048	1463.3
75.0	2.73	2.73	34.98	27.89	21.0	0.049	1462.7
80.0	2.57	2.57	34.99	27.91	18.7	0.050	1462.1
85.0	2.47	2.47	34.99	27.92	17.8	0.051	1461.7
90.0	2.36	2.35	34.99	27.93	17.0	0.052	1461.3
95.0	2.21	2.21	34.99	27.95	15.6	0.053	1460.8
100.0	2.15	2.15	34.99	27.95	15.3	0.054	1460.6
110.0	2.08	2.07	34.98	27.95	15.6	0.055	1460.4
120.0	2.00	1.99	34.98	27.95	14.9	0.057	1460.2
130.0	1.89	1.88	34.99	27.97	13.7	0.058	1459.9
140.0	1.82	1.82	34.97	27.96	14.1	0.060	1459.8
150.0	1.79	1.78	34.98	27.97	13.4	0.061	1459.8
160.0	1.75	1.74	34.98	27.98	13.0	0.062	1459.8
170.0	1.71	1.70	34.98	27.98	13.0	0.064	1459.8
180.0	1.66	1.65	34.97	27.98	13.0	0.065	1459.7
190.0	1.63	1.62	34.98	27.98	12.5	0.066	1459.7
200.0	1.62	1.61	34.98	27.99	12.1	0.067	1459.9
210.0	1.56	1.55	34.97	27.98	12.9	0.069	1459.8
220.0	1.51	1.50	34.98	27.99	11.9	0.070	1459.7
230.0	1.45	1.44	34.97	27.99	12.1	0.071	1459.6
240.0	1.40	1.39	34.97	27.99	11.5	0.072	1459.5
250.0	1.35	1.34	34.96	27.99	11.7	0.074	1459.5
260.0	1.32	1.31	34.96	27.99	11.9	0.075	1459.5
270.0	1.28	1.27	34.96	27.99	11.7	0.076	1459.5
280.0	1.22	1.20	34.95	27.99	11.8	0.077	1459.4
290.0	1.19	1.17	34.96	28.00	11.0	0.078	1459.4
300.0	1.14	1.12	34.95	28.00	11.2	0.079	1459.3

DEPTH TEMP. SALIN



MIZEX-83 77 -1

7-18-83



MIZEX-83 78 -1

7-18-83

MIZEX-83 STATION 79(1) CTD 18/JUL/1983 1723 GMT CODE = 1
LAT = 79.0000N LNG = -3.0133W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

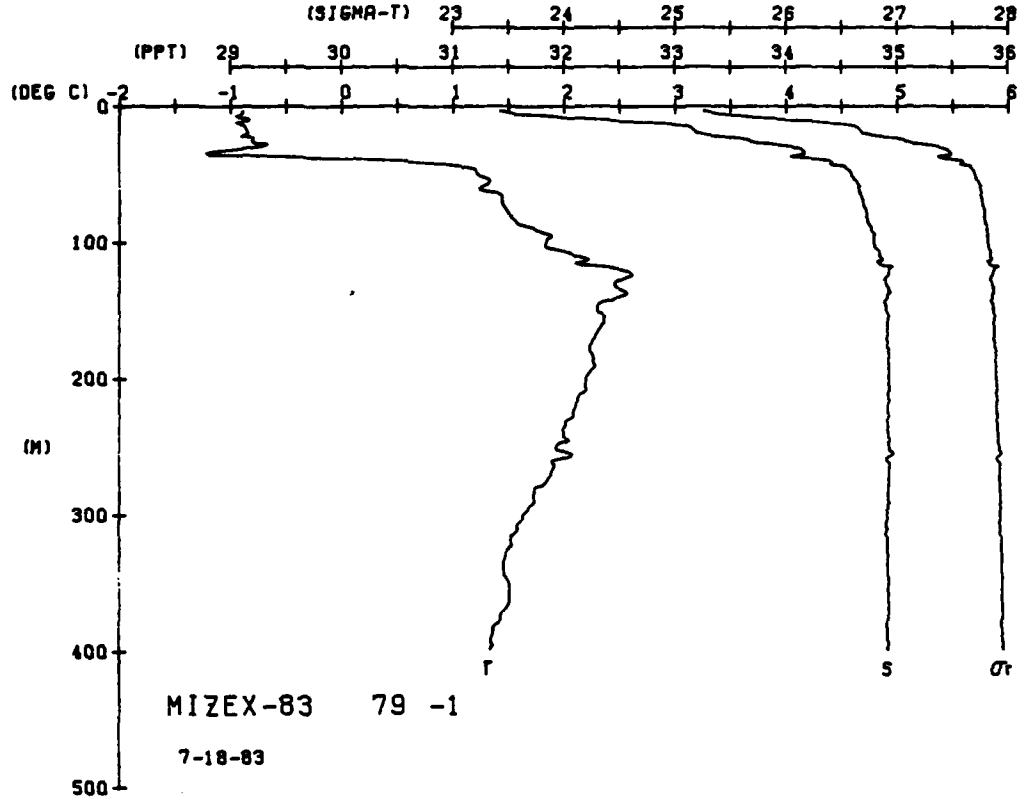
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.90	-0.90	31.43	25.26	270.1	0.000	1440.1
3.9	-0.90	-0.91	31.43	25.26	270.1	0.011	1440.2
5.0	-0.90	-0.90	31.48	25.30	266.2	0.014	1440.3
10.0	-0.83	-0.83	32.26	25.93	206.7	0.026	1441.8
15.0	-0.88	-0.88	33.11	26.62	140.9	0.034	1442.9
20.0	-0.84	-0.84	33.20	26.69	134.4	0.041	1443.2
25.0	-0.80	-0.80	33.66	27.06	98.7	0.047	1444.2
30.0	-0.73	-0.74	34.04	27.37	69.7	0.051	1445.1
35.0	-1.23	-1.23	34.18	27.49	57.7	0.055	1443.0
40.0	0.42	0.42	34.30	27.51	56.0	0.058	1450.9
45.0	1.07	1.06	34.54	27.67	41.1	0.060	1454.2
50.0	1.22	1.21	34.59	27.70	38.5	0.062	1455.1
55.0	1.34	1.34	34.63	27.73	35.9	0.064	1455.8
60.0	1.25	1.24	34.65	27.75	33.9	0.066	1455.4
65.0	1.42	1.41	34.68	27.76	33.2	0.067	1456.3
70.0	1.44	1.44	34.70	27.77	32.1	0.069	1456.5
75.0	1.47	1.46	34.71	27.78	30.9	0.071	1456.8
80.0	1.51	1.50	34.73	27.79	29.9	0.072	1457.0
85.0	1.57	1.57	34.75	27.80	29.3	0.074	1457.4
90.0	1.73	1.72	34.78	27.81	28.0	0.075	1458.3
95.0	1.87	1.87	34.80	27.82	27.5	0.077	1459.0
100.0	1.83	1.83	34.79	27.82	27.8	0.078	1458.9
110.0	2.09	2.08	34.84	27.84	25.8	0.081	1460.2
120.0	2.49	2.48	34.92	27.87	23.5	0.083	1462.3
130.0	2.46	2.45	34.90	27.85	24.7	0.086	1462.3
140.0	2.49	2.48	34.91	27.86	24.3	0.088	1462.6
150.0	2.30	2.29	34.91	27.88	22.6	0.090	1461.9
160.0	2.36	2.35	34.91	27.87	23.1	0.093	1462.3
170.0	2.27	2.26	34.91	27.88	22.3	0.095	1462.1
180.0	2.23	2.22	34.93	27.90	21.0	0.097	1462.2
190.0	2.28	2.27	34.93	27.89	21.1	0.099	1462.5
200.0	2.19	2.18	34.92	27.89	21.1	0.101	1462.3
210.0	2.18	2.17	34.91	27.89	21.9	0.104	1462.4
220.0	2.10	2.09	34.92	27.90	20.8	0.106	1462.2
230.0	2.03	2.02	34.91	27.90	20.9	0.108	1462.1
240.0	1.99	1.98	34.93	27.92	19.2	0.110	1462.1
250.0	1.92	1.91	34.93	27.92	19.1	0.112	1462.0
260.0	1.91	1.89	34.91	27.91	20.1	0.114	1462.0
270.0	1.88	1.87	34.93	27.93	18.1	0.116	1462.1
280.0	1.74	1.72	34.92	27.93	18.1	0.118	1461.6
290.0	1.72	1.71	34.93	27.94	17.4	0.119	1461.7
300.0	1.62	1.61	34.91	27.93	18.1	0.121	1461.4
310.0	1.58	1.56	34.92	27.94	17.2	0.123	1461.4
320.0	1.52	1.50	34.92	27.94	16.8	0.125	1461.3
330.0	1.46	1.45	34.92	27.95	16.3	0.126	1461.2
340.0	1.45	1.44	34.92	27.95	16.1	0.128	1461.4
350.0	1.50	1.49	34.92	27.95	16.4	0.130	1461.8
360.0	1.50	1.49	34.92	27.95	16.6	0.131	1461.9
370.0	1.45	1.43	34.92	27.95	16.4	0.133	1461.9
380.0	1.40	1.38	34.93	27.96	15.4	0.135	1461.8
390.0	1.34	1.32	34.92	27.96	15.2	0.136	1461.7

DEPTH TEMP. SALIN

MIZEX-83 STATION 80(1) CTD 19/JUL/1983 1806 GMT CODE = 1
LAT = 79.2500N LNG = -0.0500W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.96	-0.96	31.60	25.39	257.3	0.000	1440.1
4.9	-0.96	-0.96	31.60	25.39	257.3	0.013	1440.2
5.0	-0.96	-0.96	31.60	25.39	257.3	0.013	1440.2
10.0	-0.99	-0.99	31.59	25.39	257.4	0.026	1440.1
15.0	-1.07	-1.07	31.68	25.46	250.6	0.039	1439.9
20.0	-1.30	-1.31	32.12	25.83	215.9	0.051	1439.5
25.0	-1.57	-1.57	33.15	26.67	135.6	0.060	1439.8
30.0	-1.57	-1.57	33.69	27.11	93.8	0.065	1440.7
35.0	-1.61	-1.61	33.85	27.24	81.7	0.070	1440.8
40.0	-1.71	-1.71	33.97	27.34	72.1	0.074	1440.6
45.0	-1.75	-1.75	33.99	27.36	70.2	0.077	1440.5
50.0	-1.72	-1.73	34.02	27.38	68.4	0.081	1440.7
55.0	-1.68	-1.69	34.05	27.41	65.9	0.084	1441.0
60.0	-1.64	-1.64	34.09	27.44	63.1	0.087	1441.4
65.0	-1.63	-1.63	34.12	27.46	60.6	0.091	1441.6
70.0	-1.66	-1.67	34.14	27.48	59.2	0.094	1441.5
75.0	-1.69	-1.69	34.14	27.48	59.0	0.097	1441.5
80.0	-1.61	-1.61	34.18	27.51	56.2	0.099	1442.0
85.0	-1.43	-1.43	34.21	27.53	54.4	0.102	1443.0
90.0	-1.13	-1.13	34.28	27.57	50.3	0.105	1444.5
95.0	-0.34	-0.34	34.37	27.61	46.3	0.107	1448.4
100.0	-0.33	-0.34	34.40	27.64	44.1	0.110	1448.6
110.0	0.56	0.55	34.50	27.67	41.0	0.114	1453.0
120.0	2.35	2.34	34.78	27.77	32.4	0.118	1461.5
130.0	2.20	2.19	34.80	27.79	30.3	0.121	1461.0
140.0	1.79	1.79	34.74	27.78	31.6	0.124	1459.3
150.0	2.02	2.02	34.82	27.82	27.9	0.127	1460.6
160.0	2.18	2.17	34.82	27.82	28.3	0.130	1461.5
170.0	2.44	2.43	34.89	27.85	25.2	0.132	1462.9
180.0	2.56	2.55	34.90	27.85	25.6	0.135	1463.5
190.0	2.57	2.56	34.92	27.86	24.5	0.138	1463.8
200.0	2.70	2.69	34.95	27.87	23.7	0.140	1464.6
210.0	2.47	2.46	34.92	27.87	23.6	0.142	1463.7
220.0	2.37	2.36	34.92	27.88	23.1	0.145	1463.4
230.0	2.25	2.23	34.91	27.88	22.8	0.147	1463.0
240.0	2.14	2.12	34.90	27.88	22.3	0.149	1462.7
250.0	2.11	2.09	34.91	27.89	22.0	0.152	1462.7
260.0	2.24	2.23	34.94	27.91	20.5	0.154	1463.5
270.0	2.13	2.12	34.91	27.89	22.0	0.156	1463.2
280.0	2.07	2.05	34.91	27.90	21.4	0.158	1463.1
290.0	2.02	2.00	34.92	27.91	20.2	0.160	1463.0
300.0	1.99	1.97	34.93	27.92	19.1	0.162	1463.1
310.0	1.95	1.93	34.93	27.92	19.3	0.164	1463.1
320.0	1.92	1.90	34.93	27.92	18.9	0.166	1463.1
330.0	1.87	1.85	34.93	27.93	18.3	0.168	1463.0
340.0	1.89	1.87	34.94	27.93	18.4	0.170	1463.3
350.0	1.86	1.84	34.94	27.94	17.7	0.172	1463.3
360.0	1.85	1.83	34.94	27.93	18.2	0.173	1463.5
370.0	1.79	1.77	34.93	27.93	18.2	0.175	1463.3
380.0	1.75	1.73	34.93	27.93	18.0	0.177	1463.4
390.0	1.70	1.68	34.93	27.94	17.8	0.179	1463.3
400.0	1.64	1.62	34.92	27.94	17.5	0.181	1463.2
400.4	1.63	1.61	34.93	27.94	17.3	0.181	1463.2

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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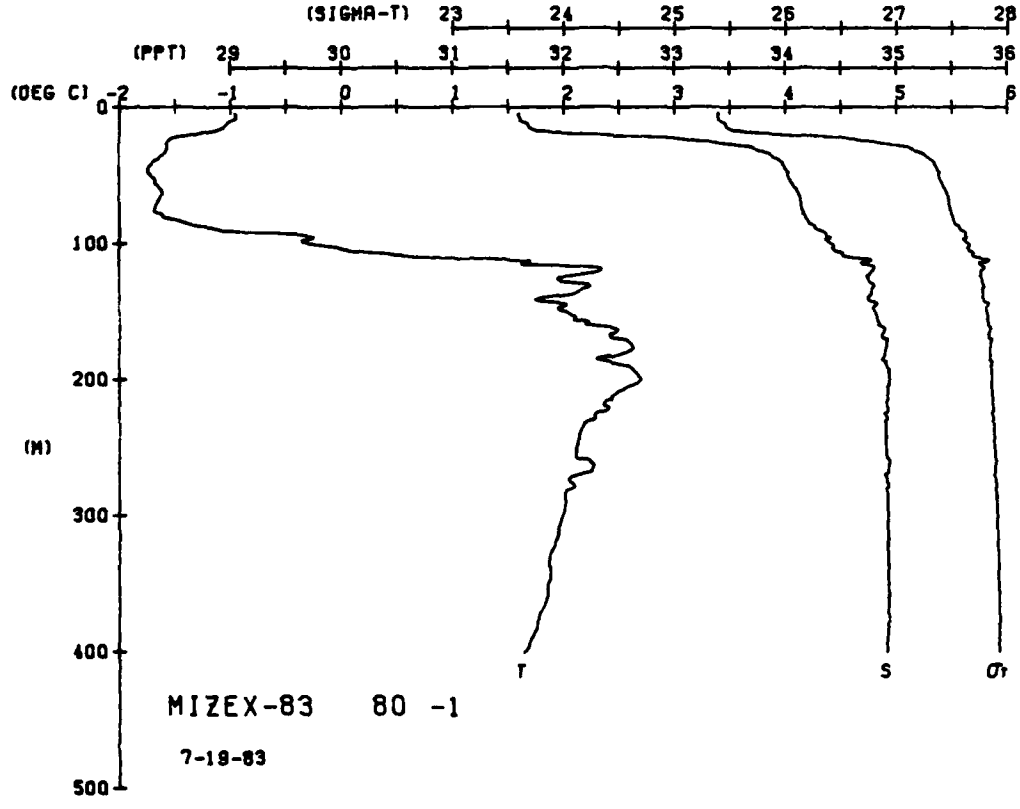
MIZEX-83 79 -1
7-18-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 80 -1
7-19-83

MIZEX-83 STATION 81(1) CTD 19/JUL/1983 1903 GMT CODE = 1
LAT = 79.2567N LNG = -0.5150W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

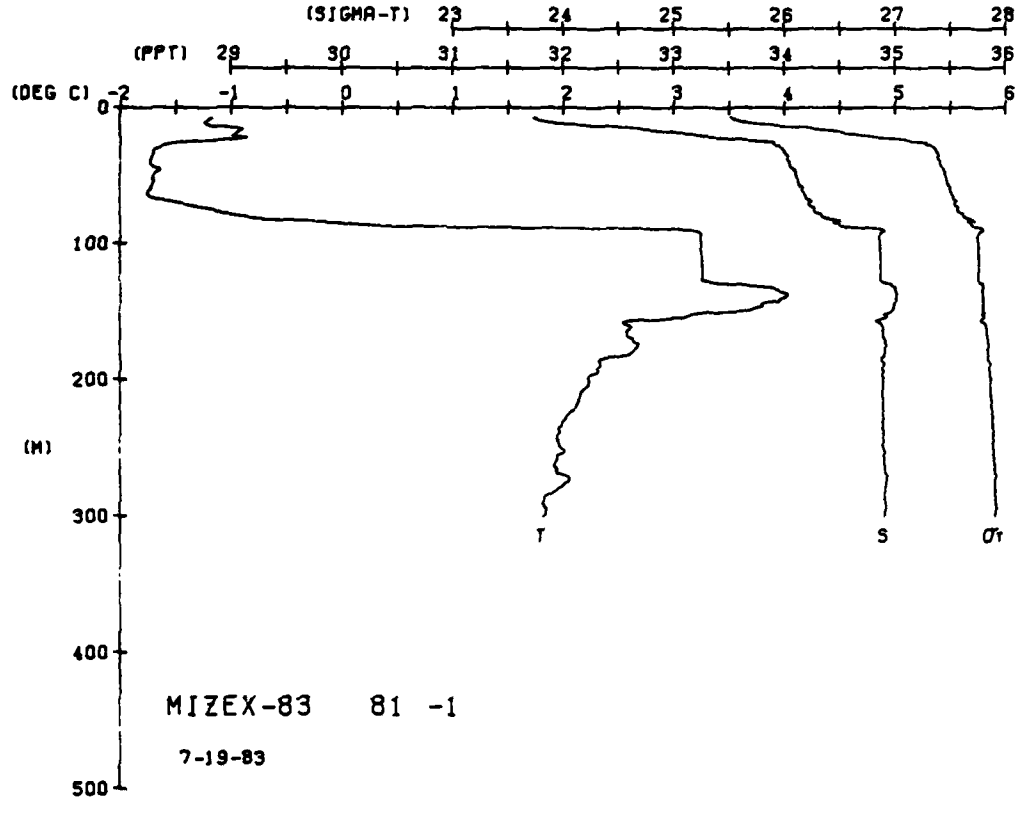
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.17	-1.17	31.74	25.51	246.0	0.000	1439.3
5.0	-1.17	-1.17	31.74	25.51	246.0	0.012	1439.4
7.4	-1.17	-1.17	31.74	25.51	246.0	0.018	1439.4
10.0	-1.21	-1.21	31.80	25.57	240.7	0.025	1439.4
15.0	-0.96	-0.96	32.56	26.18	182.9	0.036	1441.7
20.0	-0.97	-0.97	33.14	26.65	138.1	0.044	1442.6
25.0	-1.38	-1.38	33.71	27.12	92.9	0.050	1441.5
30.0	-1.67	-1.67	33.99	27.36	70.7	0.054	1440.6
35.0	-1.71	-1.71	34.03	27.39	67.9	0.057	1440.6
40.0	-1.74	-1.74	34.05	27.41	66.0	0.061	1440.6
45.0	-1.68	-1.68	34.07	27.42	64.3	0.064	1440.9
50.0	-1.71	-1.71	34.10	27.45	61.9	0.067	1440.9
55.0	-1.69	-1.69	34.14	27.48	59.2	0.070	1441.2
60.0	-1.72	-1.72	34.17	27.50	56.9	0.073	1441.1
65.0	-1.75	-1.75	34.19	27.52	54.7	0.076	1441.1
70.0	-1.49	-1.49	34.23	27.55	52.6	0.079	1442.5
75.0	-1.17	-1.17	34.27	27.57	50.4	0.081	1444.1
80.0	-0.90	-0.90	34.34	27.61	46.6	0.084	1445.6
85.0	-0.04	-0.04	34.44	27.66	42.5	0.086	1449.7
90.0	2.91	2.91	34.90	27.81	28.4	0.088	1463.6
95.0	3.24	3.24	34.86	27.75	34.6	0.089	1465.0
100.0	3.25	3.24	34.86	27.75	34.2	0.091	1465.2
110.0	3.26	3.25	34.88	27.76	33.5	0.094	1465.4
120.0	3.26	3.25	34.87	27.76	33.8	0.098	1465.5
130.0	3.33	3.32	34.94	27.79	31.1	0.101	1466.9
140.0	3.99	3.98	35.01	27.80	30.6	0.104	1469.1
150.0	3.61	3.60	34.97	27.80	30.5	0.107	1467.6
160.0	2.57	2.56	34.88	27.83	27.1	0.110	1463.2
170.0	2.62	2.61	34.91	27.85	25.8	0.113	1463.6
180.0	2.64	2.63	34.92	27.85	25.1	0.115	1463.9
190.0	2.34	2.32	34.90	27.87	23.9	0.118	1462.7
200.0	2.24	2.23	34.90	27.87	23.3	0.120	1462.5
210.0	2.16	2.15	34.89	27.87	23.4	0.123	1462.3
220.0	2.12	2.11	34.89	27.87	23.1	0.125	1462.3
230.0	2.01	2.00	34.90	27.89	21.7	0.127	1462.0
240.0	1.96	1.95	34.90	27.90	21.2	0.129	1461.9
250.0	1.98	1.97	34.90	27.90	21.2	0.132	1462.2
260.0	1.94	1.93	34.91	27.90	20.4	0.134	1462.2
270.0	1.99	1.98	34.92	27.91	20.1	0.136	1462.6
280.0	1.96	1.95	34.91	27.90	20.6	0.138	1462.6
290.0	1.83	1.81	34.91	27.91	19.6	0.140	1462.2
300.0	1.83	1.82	34.91	27.92	19.4	0.142	1462.4
301.2	1.81	1.79	34.93	27.93	18.0	0.142	1462.3

DEPTH TEMP. SALIN

MIZEX-83 STATION 82(1) CTD 19/JUL/1983 1950 GMT CODE = 1
LAT = 79.0100N LNG = 0.4750W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.03	-0.03	31.67	25.42	255.1	0.000	1444.5
5.0	-0.03	-0.03	31.67	25.42	255.0	0.013	1444.6
5.7	-0.03	-0.03	31.67	25.42	255.0	0.015	1444.6
10.0	0.06	0.06	31.84	25.55	242.3	0.026	1445.3
15.0	0.43	0.43	33.13	26.57	145.2	0.035	1448.9
20.0	-0.56	-0.56	33.61	27.01	103.6	0.042	1445.1
25.0	-1.19	-1.20	34.16	27.48	59.3	0.046	1443.0
30.0	-1.00	-1.00	34.26	27.55	52.5	0.049	1444.1
35.0	-0.25	-0.25	34.40	27.63	44.9	0.051	1447.9
40.0	2.73	2.72	34.89	27.82	27.0	0.053	1461.9
45.0	3.52	3.51	34.84	27.71	38.2	0.054	1465.3
50.0	3.21	3.20	34.88	27.77	32.5	0.056	1464.2
55.0	2.94	2.93	34.85	27.77	31.8	0.058	1463.0
60.0	2.81	2.80	34.86	27.79	30.2	0.059	1462.6
65.0	2.75	2.75	34.86	27.80	29.8	0.061	1462.4
70.0	2.62	2.62	34.85	27.80	29.4	0.062	1461.9
75.0	2.62	2.62	34.86	27.80	29.1	0.064	1462.0
80.0	2.80	2.80	34.90	27.82	27.6	0.065	1462.9
85.0	2.78	2.77	34.88	27.81	28.5	0.067	1462.9
90.0	2.62	2.62	34.89	27.83	27.0	0.068	1462.3
95.0	2.71	2.71	34.92	27.84	25.5	0.070	1462.8
100.0	2.72	2.71	34.91	27.84	25.9	0.071	1462.9
110.0	2.58	2.57	34.91	27.85	25.1	0.073	1462.5
120.0	2.43	2.42	34.91	27.86	23.9	0.076	1462.0
130.0	2.50	2.49	34.93	27.87	22.9	0.078	1462.5
140.0	2.37	2.36	34.90	27.86	23.7	0.081	1462.1
150.0	2.45	2.44	34.94	27.88	21.9	0.083	1462.6
160.0	2.48	2.47	34.95	27.89	21.1	0.085	1462.9
170.0	2.47	2.46	34.96	27.90	20.7	0.087	1463.1
180.0	2.44	2.43	34.95	27.90	20.9	0.089	1463.1
190.0	2.34	2.33	34.95	27.90	20.5	0.091	1462.8
200.0	2.32	2.31	34.96	27.92	19.1	0.093	1462.9
210.0	2.27	2.26	34.97	27.92	18.7	0.095	1462.9
220.0	2.13	2.11	34.95	27.92	18.7	0.097	1462.4
230.0	1.96	1.95	34.94	27.93	18.3	0.099	1461.8
240.0	1.93	1.92	34.93	27.92	18.8	0.101	1461.8
250.0	1.92	1.91	34.94	27.93	17.8	0.103	1462.0
260.0	1.81	1.79	34.93	27.93	17.9	0.105	1461.6
270.0	1.99	1.97	34.96	27.94	17.2	0.106	1462.6
280.0	1.80	1.78	34.95	27.94	16.7	0.108	1461.9
290.0	1.85	1.84	34.97	27.96	15.6	0.110	1462.4
300.0	1.82	1.81	34.95	27.94	16.8	0.111	1462.4
310.0	1.62	1.60	34.93	27.95	16.4	0.113	1461.6
320.0	1.64	1.62	34.91	27.93	18.3	0.115	1461.8
330.0	1.58	1.56	34.94	27.96	15.5	0.117	1461.8
340.0	1.43	1.42	34.93	27.96	15.5	0.118	1461.3
350.0	1.40	1.38	34.92	27.96	15.4	0.120	1461.3
360.0	1.47	1.46	34.94	27.96	15.1	0.121	1461.8
370.0	1.48	1.46	34.94	27.96	14.8	0.123	1462.0
380.0	1.49	1.47	34.96	27.98	13.8	0.124	1462.2
390.0	1.43	1.41	34.94	27.97	14.8	0.126	1462.1
400.0	1.36	1.34	34.94	27.97	14.0	0.127	1462.0

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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200
(M)
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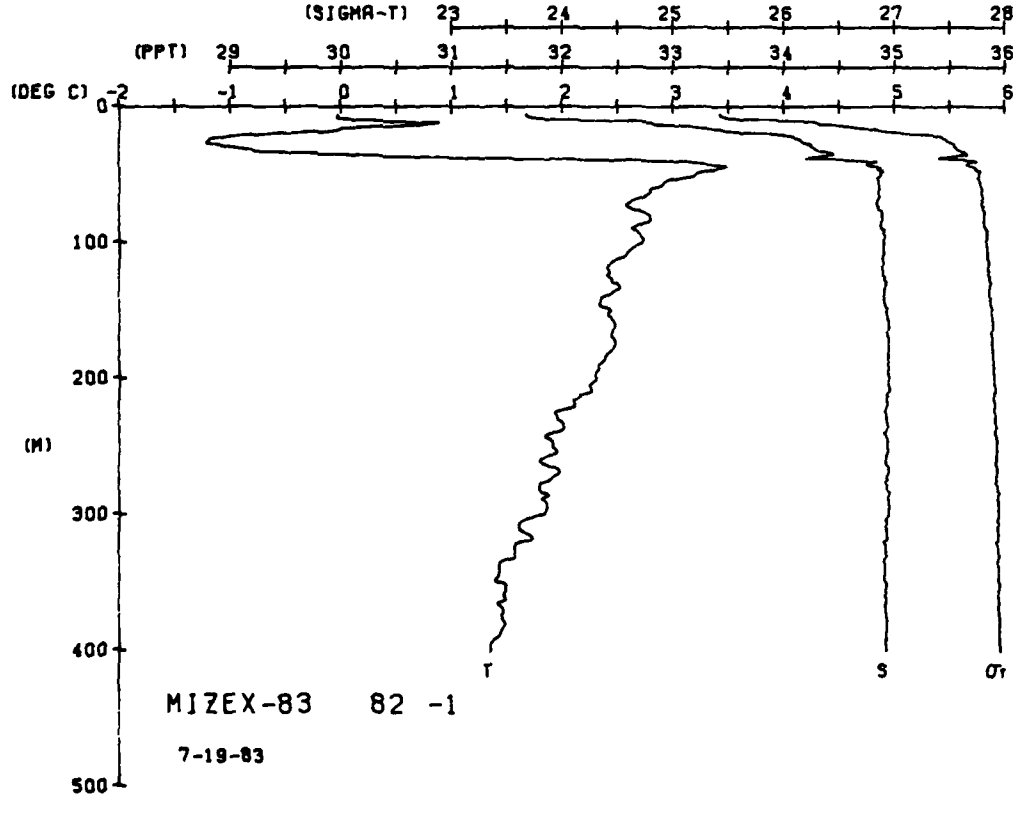
MIZEX-83 81 -1
7-19-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 82 -1
7-19-83

MIZEX-83 STATION 83(1) CTD 19/JUL/1983 2039 GMT CODE = 1
LAT = 79.0333N LNG = -0.0550W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

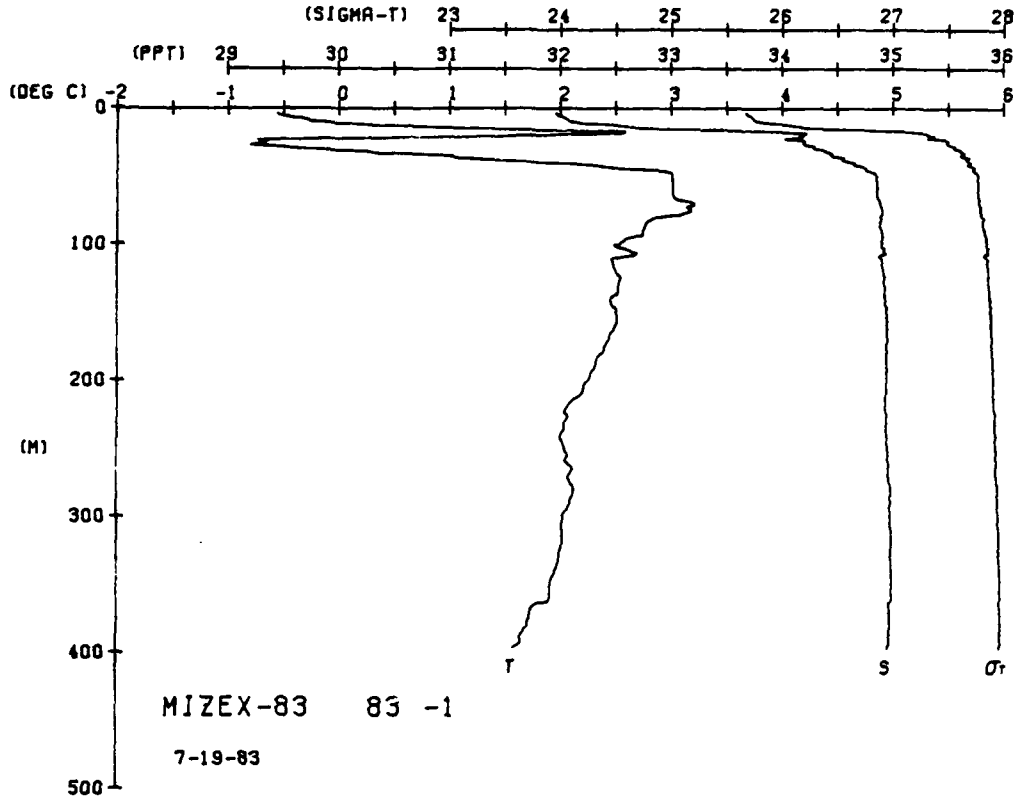
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.69	-0.69	31.44	25.26	270.0	0.000	1441.2
1.9	-0.69	-0.69	31.44	25.26	270.0	0.005	1441.2
5.0	-0.55	-0.55	31.96	25.67	230.9	0.013	1442.6
10.0	-0.26	-0.26	32.08	25.76	222.7	0.025	1444.2
15.0	1.00	1.00	32.70	26.20	180.8	0.035	1450.9
20.0	1.80	1.80	34.15	27.31	75.9	0.041	1456.6
25.0	-0.65	-0.65	34.21	27.50	57.5	0.045	1445.6
30.0	-0.26	-0.26	34.31	27.56	51.6	0.047	1447.6
35.0	0.83	0.83	34.46	27.62	45.6	0.050	1452.9
40.0	1.67	1.67	34.56	27.65	43.7	0.052	1456.9
45.0	2.48	2.48	34.76	27.74	34.8	0.054	1460.8
50.0	3.01	3.00	34.85	27.77	32.6	0.056	1463.3
55.0	3.01	3.01	34.86	27.77	32.1	0.057	1463.4
60.0	3.01	3.01	34.86	27.77	32.4	0.059	1463.5
65.0	3.02	3.02	34.85	27.76	32.8	0.061	1463.6
70.0	3.18	3.17	34.89	27.78	31.4	0.062	1464.4
75.0	3.18	3.17	34.90	27.79	30.7	0.064	1464.5
80.0	2.90	2.89	34.87	27.79	30.1	0.065	1463.3
85.0	2.77	2.76	34.88	27.81	28.4	0.067	1462.8
90.0	2.74	2.74	34.89	27.82	27.4	0.068	1462.8
95.0	2.62	2.61	34.90	27.84	25.5	0.070	1462.4
100.0	2.55	2.55	34.90	27.85	25.3	0.071	1462.2
110.0	2.50	2.50	34.88	27.83	26.4	0.074	1462.1
120.0	2.51	2.50	34.92	27.86	23.8	0.076	1462.3
130.0	2.52	2.52	34.92	27.86	23.8	0.078	1462.6
140.0	2.45	2.44	34.92	27.87	23.2	0.081	1462.4
150.0	2.50	2.49	34.93	27.88	22.6	0.083	1462.8
160.0	2.49	2.48	34.94	27.89	21.9	0.085	1463.0
170.0	2.43	2.42	34.95	27.89	21.1	0.088	1462.9
180.0	2.37	2.36	34.94	27.89	21.3	0.090	1462.8
190.0	2.31	2.30	34.94	27.90	20.5	0.092	1462.7
200.0	2.24	2.23	34.94	27.91	19.9	0.094	1462.6
210.0	2.18	2.17	34.94	27.91	20.1	0.096	1462.4
220.0	2.05	2.04	34.93	27.91	19.9	0.098	1462.0
230.0	2.03	2.02	34.93	27.91	19.3	0.100	1462.1
240.0	2.00	1.99	34.94	27.92	18.4	0.102	1462.2
250.0	2.05	2.03	34.95	27.93	17.9	0.104	1462.5
260.0	2.06	2.05	34.96	27.94	17.3	0.105	1462.8
270.0	2.07	2.06	34.96	27.93	18.0	0.107	1463.0
280.0	2.13	2.11	34.98	27.95	16.7	0.109	1463.4
290.0	2.09	2.07	34.98	27.95	16.7	0.111	1463.4
300.0	2.03	2.01	34.98	27.95	16.2	0.112	1463.3
310.0	2.02	2.00	34.99	27.96	15.4	0.114	1463.5
320.0	2.02	2.00	34.98	27.96	15.7	0.115	1463.6
330.0	1.99	1.97	34.98	27.96	15.6	0.117	1463.7
340.0	1.95	1.93	34.99	27.96	15.2	0.119	1463.6
350.0	1.91	1.89	34.98	27.96	15.1	0.120	1463.6
360.0	1.90	1.88	34.99	27.97	14.7	0.122	1463.8
370.0	1.73	1.71	34.97	27.97	14.8	0.123	1463.1
380.0	1.70	1.68	34.96	27.97	14.8	0.125	1463.2
390.0	1.65	1.63	34.97	27.98	13.9	0.126	1463.1
396.7	1.54	1.52	34.99	28.00	11.6	0.127	1462.8

DEPTH TEMP. SALIN

MIZEX-83 STATION 84(1) CTD 19/JUL/1983 2124 GMT CODE = 1
LAT = 79.0683N LNG = -0.4967W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.64	-0.64	31.84	25.58	239.6	0.000	1441.9
4.2	-0.64	-0.64	31.84	25.58	239.5	0.010	1442.0
5.0	-0.65	-0.65	31.85	25.59	238.6	0.012	1442.0
10.0	-0.54	-0.54	31.98	25.69	229.3	0.024	1442.7
15.0	1.03	1.03	32.38	25.94	205.5	0.035	1450.6
20.0	2.77	2.77	33.91	27.03	101.8	0.043	1460.5
25.0	0.26	0.26	34.32	27.34	53.3	0.047	1449.9
30.0	-0.64	-0.65	34.12	27.42	64.6	0.050	1445.6
35.0	-0.08	-0.09	34.41	27.63	44.8	0.052	1448.7
40.0	0.87	0.86	34.48	27.63	44.7	0.055	1453.2
45.0	1.51	1.50	34.56	27.66	42.4	0.057	1456.2
50.0	2.31	2.31	34.73	27.73	36.1	0.059	1460.1
55.0	2.46	2.46	34.76	27.74	35.0	0.061	1460.9
60.0	2.78	2.77	34.83	27.77	32.0	0.062	1462.4
65.0	2.87	2.87	34.86	27.78	31.2	0.064	1462.9
70.0	2.93	2.92	34.88	27.80	29.5	0.065	1463.3
75.0	2.78	2.78	34.88	27.81	28.6	0.067	1462.7
80.0	2.72	2.72	34.88	27.82	27.8	0.068	1462.6
85.0	2.69	2.68	34.89	27.83	26.9	0.070	1462.5
90.0	2.51	2.50	34.88	27.83	26.6	0.071	1461.8
95.0	2.46	2.46	34.88	27.83	26.3	0.072	1461.7
100.0	2.44	2.44	34.87	27.83	26.8	0.074	1461.7
110.0	2.35	2.35	34.86	27.83	26.5	0.076	1461.4
120.0	2.62	2.61	34.92	27.85	24.7	0.079	1462.8
130.0	2.54	2.53	34.93	27.87	23.4	0.081	1462.7
140.0	2.24	2.23	34.90	27.87	22.7	0.084	1461.5
150.0	2.26	2.26	34.91	27.88	22.6	0.086	1461.8
160.0	2.16	2.15	34.92	27.89	20.9	0.088	1461.5
170.0	2.36	2.35	34.95	27.91	20.0	0.090	1462.6
180.0	2.45	2.44	34.96	27.90	20.3	0.092	1463.1
190.0	2.40	2.39	34.96	27.91	20.0	0.094	1463.1
200.0	2.32	2.31	34.95	27.91	19.9	0.096	1462.9
210.0	2.29	2.27	34.96	27.92	19.3	0.098	1462.9
220.0	2.27	2.26	34.96	27.92	19.1	0.100	1463.0
230.0	2.27	2.25	34.97	27.92	18.5	0.102	1463.2
240.0	1.99	1.97	34.95	27.93	17.7	0.104	1462.1
250.0	1.95	1.94	34.94	27.93	17.8	0.106	1462.1
260.0	2.02	2.01	34.96	27.94	16.9	0.108	1462.6
270.0	2.09	2.07	34.97	27.94	17.0	0.109	1463.1
280.0	2.08	2.06	34.97	27.94	16.8	0.111	1463.2
290.0	2.08	2.06	34.97	27.94	17.0	0.113	1463.4
300.0	2.03	2.02	34.98	27.95	16.4	0.115	1463.3
310.0	1.96	1.95	34.97	27.95	16.2	0.116	1463.2
320.0	1.94	1.92	34.97	27.95	16.1	0.118	1463.3
330.0	1.89	1.87	34.97	27.96	15.4	0.119	1463.2
340.0	1.84	1.82	34.97	27.96	15.1	0.121	1463.2
350.0	1.81	1.79	34.97	27.96	15.2	0.122	1463.2
360.0	1.73	1.72	34.96	27.96	15.0	0.124	1463.0
370.0	1.72	1.70	34.96	27.96	15.2	0.126	1463.1
380.0	1.69	1.67	34.97	27.97	14.4	0.127	1463.1

DEPTH TEMP. SALIN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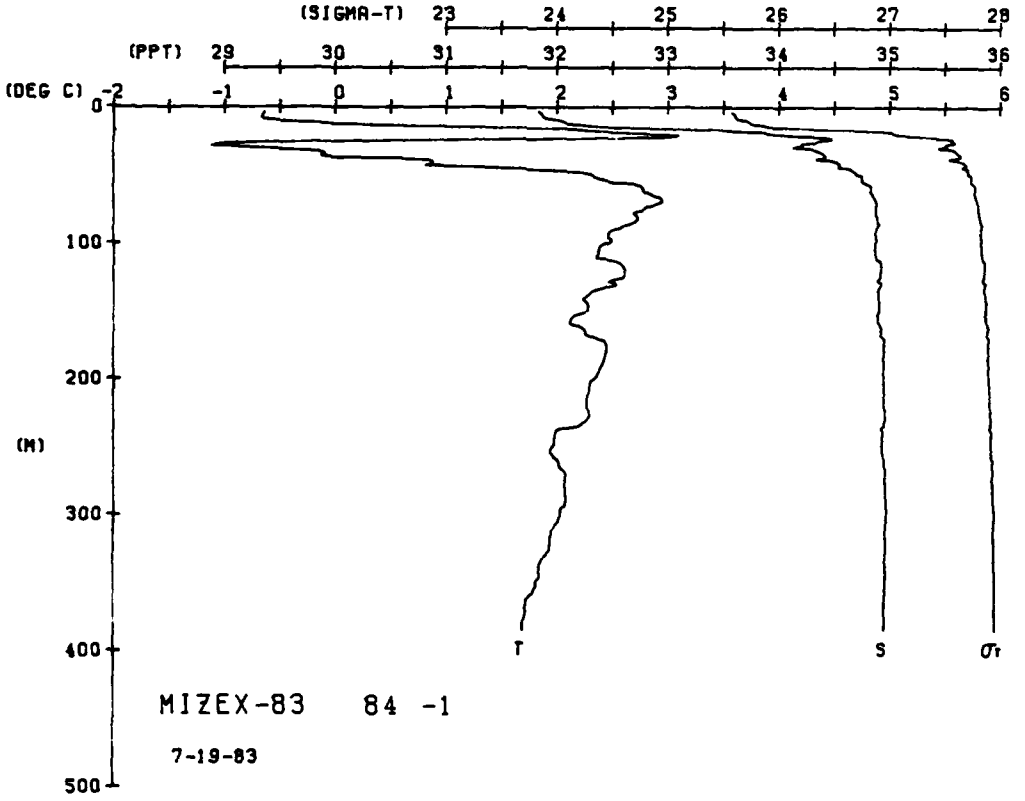
MIZEX-83 83 -1
7-19-83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MIZEX-83 84 -1
7-19-83

MIZEX-83 STATION 85(1) CTD 19/JUL/1983 2209 GMT CODE = 1
LAT = 79 1017N LNG = -1 0317W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

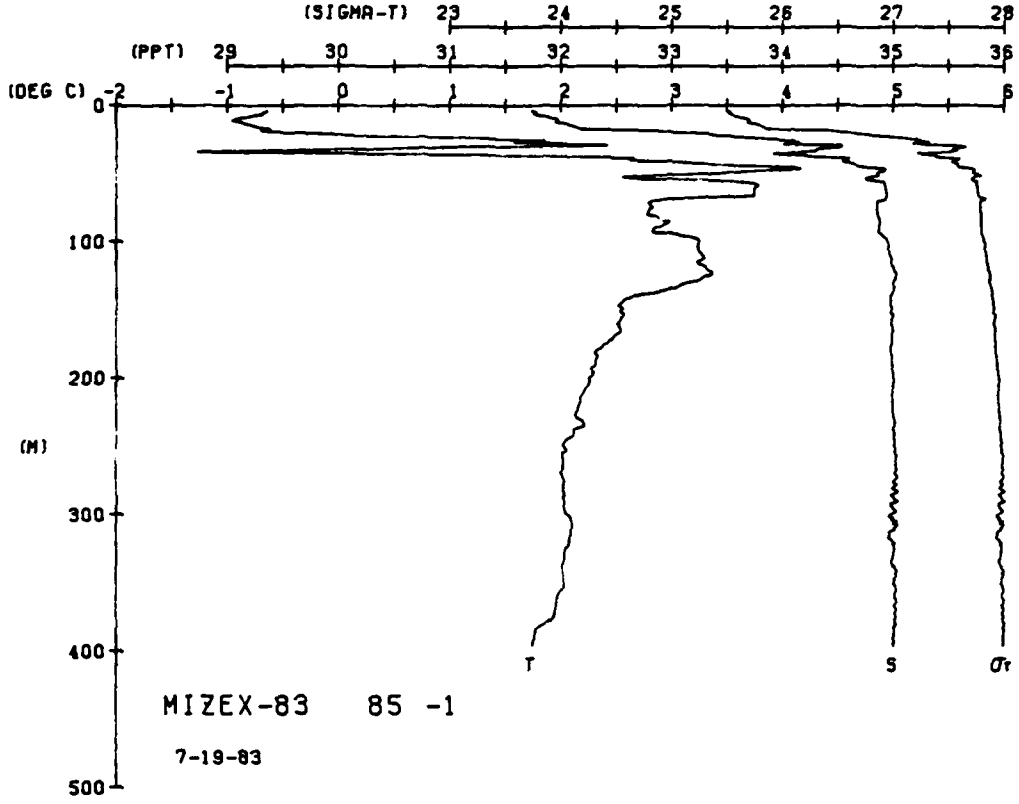
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.66	-0.66	31.75	25.51	246.5	0.000	1441.7
3.2	-0.66	-0.66	31.75	25.51	246.5	0.008	1441.8
5.0	-0.66	-0.66	31.76	25.52	245.7	0.012	1441.8
10.0	-0.92	-0.92	31.95	25.68	229.7	0.025	1440.9
15.0	-0.77	-0.77	32.10	25.80	218.7	0.036	1441.9
20.0	-0.52	-0.52	33.01	26.52	150.2	0.045	1444.5
25.0	1.33	1.33	33.87	27.12	93.8	0.051	1454.2
30.0	2.12	2.12	34.54	27.59	48.7	0.055	1458.7
35.0	-0.98	-0.98	33.92	27.27	78.7	0.058	1443.8
40.0	2.61	2.61	34.57	27.57	50.6	0.061	1461.0
45.0	3.69	3.68	34.70	27.58	49.9	0.064	1465.9
50.0	3.49	3.48	34.83	27.71	38.3	0.066	1465.3
55.0	3.09	3.08	34.81	27.73	36.2	0.068	1463.6
60.0	3.76	3.76	34.92	27.75	34.4	0.070	1466.7
65.0	3.73	3.73	34.94	27.77	32.9	0.072	1466.7
70.0	2.84	2.83	34.85	27.78	31.6	0.073	1462.9
75.0	2.83	2.83	34.85	27.78	31.0	0.075	1462.9
80.0	2.77	2.77	34.85	27.79	30.5	0.076	1462.8
85.0	2.92	2.92	34.87	27.79	30.5	0.078	1463.5
90.0	2.84	2.83	34.87	27.79	30.3	0.079	1463.2
95.0	3.06	3.05	34.89	27.80	30.1	0.081	1464.3
100.0	3.25	3.24	34.94	27.82	28.2	0.082	1465.2
110.0	3.27	3.26	34.97	27.83	26.8	0.085	1465.5
120.0	3.31	3.30	35.00	27.86	24.5	0.088	1465.9
130.0	3.15	3.15	34.99	27.87	23.8	0.090	1465.4
140.0	2.66	2.65	34.96	27.88	22.1	0.093	1463.4
150.0	2.55	2.54	34.97	27.90	20.3	0.095	1463.1
160.0	2.52	2.51	34.98	27.91	19.8	0.097	1463.1
170.0	2.48	2.47	34.98	27.92	18.9	0.099	1463.1
180.0	2.32	2.31	34.97	27.92	18.7	0.101	1462.6
190.0	2.31	2.30	34.99	27.94	16.9	0.102	1462.8
200.0	2.24	2.23	34.98	27.94	17.3	0.104	1462.6
210.0	2.21	2.20	34.98	27.94	16.8	0.106	1462.6
220.0	2.16	2.15	34.99	27.95	16.0	0.107	1462.6
230.0	2.15	2.13	34.99	27.96	15.5	0.109	1462.7
240.0	2.11	2.10	35.01	27.97	14.3	0.111	1462.7
250.0	2.01	2.00	35.01	27.98	13.4	0.112	1462.5
260.0	2.03	2.01	35.02	27.98	12.9	0.113	1462.7
270.0	1.99	1.98	35.01	27.98	13.5	0.115	1462.7
280.0	2.02	2.01	34.99	27.97	14.8	0.116	1463.0
290.0	2.02	2.00	35.02	27.99	13.0	0.117	1463.2
300.0	2.05	2.04	34.98	27.95	16.1	0.119	1463.4
310.0	2.09	2.07	35.00	27.96	15.4	0.121	1463.8
320.0	2.07	2.05	35.00	27.97	14.8	0.122	1463.9
330.0	2.03	2.01	34.98	27.95	16.4	0.124	1463.8
340.0	2.01	1.99	35.00	27.97	14.6	0.125	1463.9
350.0	2.03	2.01	35.00	27.97	14.7	0.127	1464.2
360.0	1.96	1.94	35.01	27.98	13.4	0.128	1464.1
370.0	1.95	1.93	35.03	28.00	12.3	0.129	1464.2
380.0	1.85	1.83	35.00	27.98	13.3	0.131	1463.9
390.0	1.76	1.74	34.99	27.99	13.1	0.132	1463.7
396.4	1.74	1.71	34.99	27.99	13.2	0.133	1463.7

DEPTH TEMP. SALIN

MIZEX-83 STATION 86(1) CTD 19/JUL/1983 2304 GMT CODE = 1
LAT = 79 1317N LNG = -1 4317W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.31	-0.31	31.71	25.46	250.7	0.000	1443.3
1.9	-0.31	-0.31	31.71	25.46	250.7	0.005	1443.3
5.0	-0.27	-0.27	31.61	25.38	258.7	0.013	1443.4
10.0	-0.55	-0.55	32.44	26.06	193.8	0.024	1443.4
15.0	-1.45	-1.45	33.91	27.28	77.8	0.031	1441.3
20.0	-1.67	-1.67	33.95	27.32	74.0	0.035	1440.4
25.0	-1.74	-1.74	34.08	27.43	64.1	0.038	1440.3
30.0	-1.74	-1.74	34.08	27.43	63.5	0.042	1440.4
35.0	-1.76	-1.76	34.13	27.47	60.1	0.045	1440.5
40.0	-1.76	-1.76	34.13	27.48	59.4	0.048	1440.6
45.0	-1.73	-1.73	34.15	27.49	58.1	0.051	1440.8
50.0	-1.71	-1.71	34.19	27.52	55.1	0.054	1441.0
55.0	-1.66	-1.66	34.21	27.53	53.8	0.056	1441.4
60.0	-1.49	-1.49	34.25	27.56	51.3	0.059	1442.3
65.0	-0.76	-0.77	34.35	27.62	45.9	0.062	1446.0
70.0	0.25	0.25	34.49	27.68	40.5	0.064	1450.9
75.0	1.02	1.02	34.45	27.61	47.5	0.066	1454.4
80.0	2.18	2.18	34.74	27.75	34.6	0.068	1460.0
85.0	1.62	1.61	34.72	27.78	31.2	0.070	1457.6
90.0	0.94	0.93	34.68	27.79	29.9	0.071	1454.6
95.0	1.18	1.17	34.71	27.80	29.1	0.073	1455.8
100.0	1.49	1.49	34.75	27.81	28.7	0.074	1457.3
110.0	1.78	1.78	34.80	27.83	26.6	0.077	1458.9
120.0	1.79	1.78	34.80	27.83	26.5	0.080	1459.0
130.0	2.03	2.03	34.85	27.85	24.8	0.082	1460.4
140.0	2.10	2.09	34.86	27.85	24.6	0.085	1460.8
150.0	2.18	2.17	34.89	27.87	23.2	0.087	1461.4
160.0	2.21	2.20	34.90	27.88	22.6	0.089	1461.7
170.0	2.20	2.19	34.90	27.88	22.5	0.092	1461.8
180.0	2.01	2.00	34.91	27.90	20.9	0.094	1461.2
190.0	2.07	2.06	34.91	27.90	21.0	0.096	1461.6
200.0	2.11	2.10	34.92	27.90	20.9	0.098	1461.9
210.0	2.10	2.08	34.93	27.91	20.0	0.100	1462.1
220.0	2.04	2.03	34.92	27.91	20.2	0.102	1462.0
230.0	2.05	2.04	34.94	27.92	19.0	0.104	1462.2
240.0	2.04	2.03	34.94	27.92	18.8	0.106	1462.3
250.0	1.86	1.85	34.93	27.93	17.9	0.108	1461.7
260.0	1.71	1.69	34.92	27.93	17.9	0.110	1461.2
270.0	1.84	1.83	34.94	27.93	17.5	0.112	1461.9
280.0	1.84	1.83	34.94	27.93	17.7	0.113	1462.1
290.0	1.85	1.83	34.94	27.94	17.3	0.115	1462.3
300.0	1.76	1.75	34.94	27.94	16.9	0.117	1462.1
310.0	1.74	1.72	34.94	27.94	16.9	0.119	1462.2
320.0	1.72	1.71	34.94	27.94	16.9	0.120	1462.3
330.0	1.69	1.68	34.95	27.96	15.6	0.122	1462.3
340.0	1.62	1.60	34.94	27.95	16.0	0.124	1462.1
350.0	1.60	1.58	34.94	27.95	16.0	0.125	1462.2
360.0	1.55	1.53	34.94	27.96	15.4	0.127	1462.1
370.0	1.55	1.53	34.96	27.97	14.3	0.128	1462.4
380.0	1.80	1.77	35.00	27.98	13.3	0.130	1463.7
390.0	1.83	1.81	34.98	27.97	14.9	0.131	1463.9
398.0	1.82	1.79	34.99	27.97	14.4	0.132	1464.0

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
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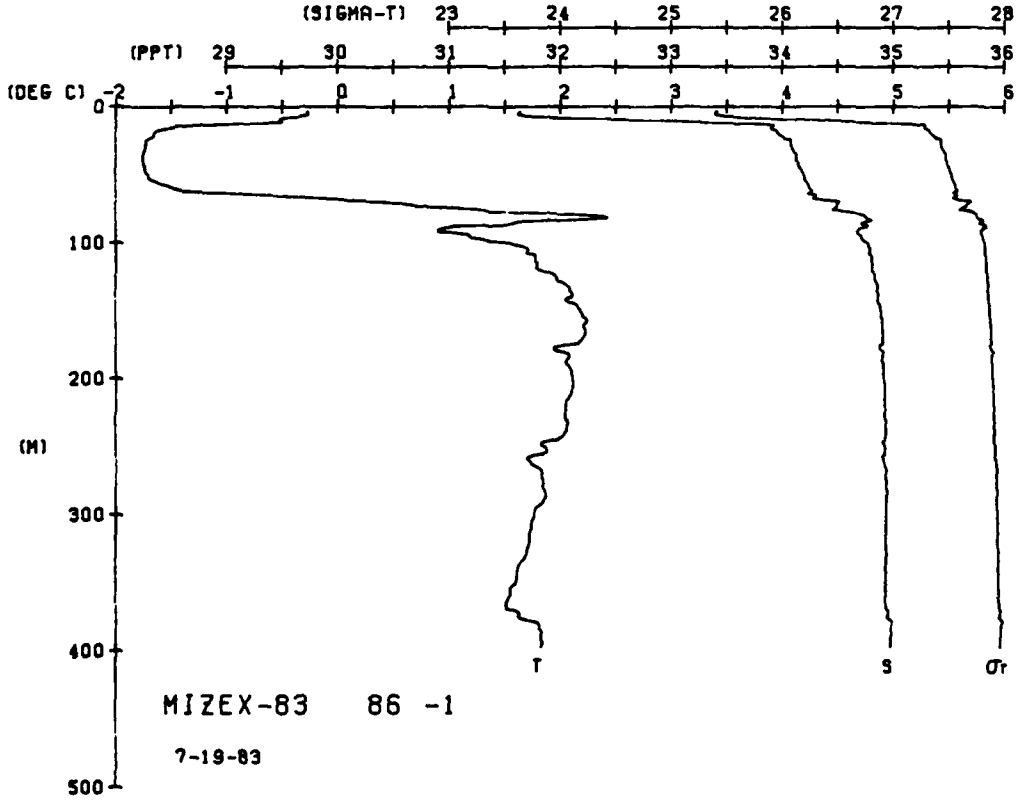
MIZEX-83 85 -1
7-19-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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MIZEX-83 86 -1
7-19-83

MIZEX-83 STATION 87(1) CTD 20/JUL/1983 1559 GMT CODE = 1
LAT = 78.9783N LNG = 1.2800W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

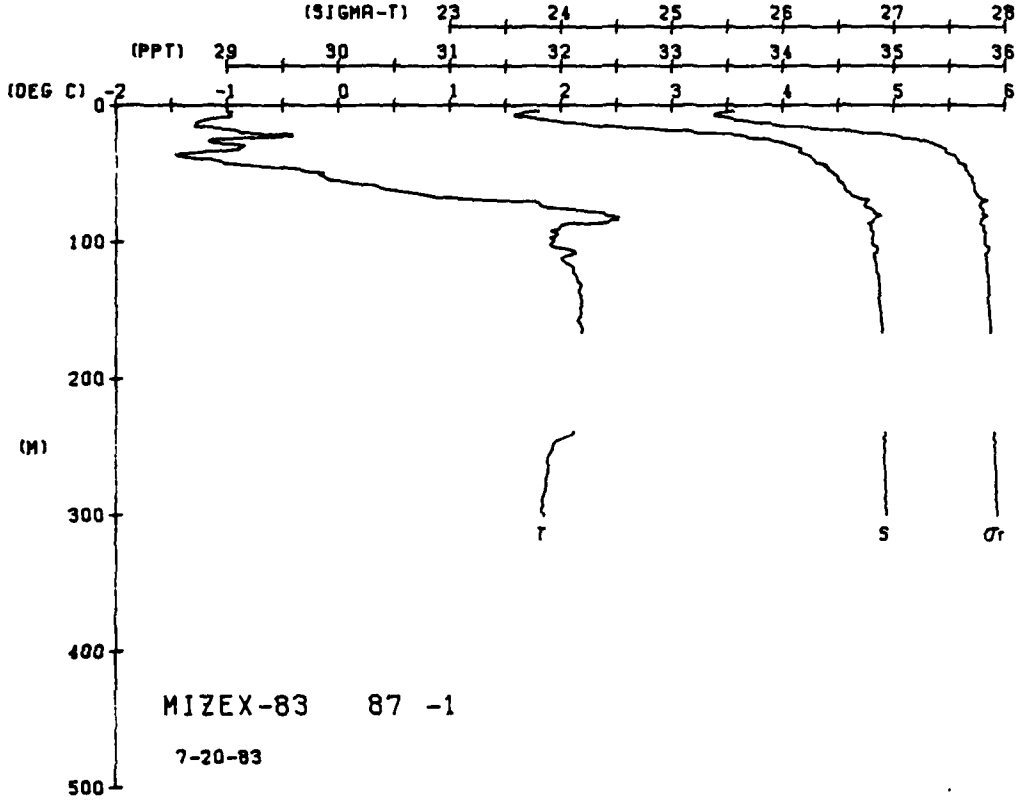
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.06	-1.06	31.72	25.50	247.2	*****	1439.8
2.0	-1.06	-1.06	31.72	25.50	247.2	*****	1439.9
5.0	-0.97	-0.97	31.73	25.50	246.8	*****	1440.3
10.0	-1.13	-1.13	31.74	25.51	245.8	*****	1439.7
15.0	-1.29	-1.29	32.29	25.96	202.9	*****	1439.8
20.0	-0.90	-0.90	33.17	26.67	136.1	*****	1442.9
25.0	-1.08	-1.08	33.75	27.14	91.4	*****	1443.0
30.0	-0.86	-0.86	34.07	27.40	67.0	*****	1444.6
35.0	-1.33	-1.34	34.13	27.46	61.3	*****	1442.5
40.0	-1.19	-1.19	34.28	27.57	50.2	*****	1443.4
45.0	-0.71	-0.71	34.36	27.62	45.7	*****	1445.9
50.0	-0.16	-0.16	34.46	27.68	40.6	*****	1448.7
55.0	-0.08	-0.08	34.49	27.70	38.2	*****	1449.2
60.0	0.34	0.34	34.56	27.73	35.7	*****	1451.2
65.0	0.68	0.68	34.61	27.75	33.5	*****	1452.9
70.0	1.31	1.30	34.78	27.85	24.9	*****	1456.0
75.0	1.85	1.84	34.75	27.78	31.3	*****	1458.5
80.0	2.39	2.38	34.81	27.79	30.5	*****	1461.0
85.0	2.44	2.44	34.82	27.79	30.7	*****	1461.3
90.0	1.98	1.98	34.79	27.81	28.8	*****	1459.4
95.0	1.97	1.96	34.80	27.81	28.2	*****	1459.4
100.0	1.92	1.92	34.80	27.82	27.9	*****	1459.3
110.0	2.09	2.09	34.80	27.81	29.1	*****	1460.2
120.0	2.11	2.11	34.84	27.84	26.0	*****	1460.5
130.0	2.15	2.14	34.86	27.85	25.4	*****	1460.9
140.0	2.18	2.18	34.87	27.86	24.5	*****	1461.2
150.0	2.16	2.16	34.87	27.86	24.4	*****	1461.3
160.0	2.17	2.16	34.89	27.87	23.4	*****	1461.5
167.6	2.17	2.16	34.89	27.87	23.3	*****	1461.6
170.0							
180.0							
190.0							
200.0							
210.0							
220.0							
230.0							
240.0							
240.1	2.11	2.09	34.92	27.90	20.6	*****	1462.6
250.0	1.92	1.91	34.91	27.91	20.2	*****	1461.9
260.0	1.88	1.86	34.91	27.91	19.5	*****	1461.9
270.0	1.88	1.86	34.92	27.92	19.0	*****	1462.1
280.0	1.86	1.84	34.92	27.92	19.3	*****	1462.2
290.0	1.82	1.80	34.92	27.92	18.9	*****	1462.1
300.0	1.86	1.84	34.93	27.92	18.7	*****	1462.5

DEPTH TEMP. SALIN

MIZEX-83 STATION 88(1) CTD 21/JUL/1983 818 GMT CODE = 1
LAT = 79.0283N LNG = 2.6217W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.28	-0.28	30.57	24.54	338.4	0.000	1441.9
2.0	-0.28	-0.28	30.57	24.54	338.4	0.007	1441.9
5.0	-1.03	-1.04	31.62	25.42	259.2	0.016	1439.9
10.0	-1.06	-1.06	31.61	25.41	259.9	0.029	1439.8
15.0	-1.07	-1.07	31.71	25.49	248.2	0.042	1440.0
20.0	-1.05	-1.05	31.92	25.66	232.0	0.054	1440.5
25.0	-0.99	-0.99	32.34	26.00	199.8	0.065	1441.4
30.0	-1.06	-1.06	33.18	26.68	134.5	0.073	1442.4
35.0	-1.17	-1.17	33.59	27.01	103.3	0.079	1442.5
40.0	-1.29	-1.29	33.99	27.35	71.8	0.083	1442.6
45.0	-1.31	-1.31	34.09	27.44	63.3	0.087	1441.8
50.0	-1.54	-1.54	34.18	27.51	56.6	0.090	1441.8
55.0	-1.64	-1.64	34.18	27.51	56.1	0.093	1441.5
60.0	-1.30	-1.30	34.26	27.56	51.3	0.095	1443.2
65.0	-0.35	-0.35	34.38	27.62	45.6	0.098	1447.9
70.0	0.27	0.27	34.62	27.78	30.4	0.100	1451.2
75.0	0.88	0.88	34.76	27.86	23.4	0.101	1454.2
80.0	1.76	1.75	34.74	27.78	30.8	0.103	1458.2
85.0	1.79	1.78	34.67	27.72	36.7	0.104	1458.3
90.0	1.71	1.70	34.66	27.72	36.9	0.106	1458.0
95.0	1.55	1.54	34.72	27.78	31.2	0.108	1457.4
100.0	1.63	1.62	34.75	27.80	29.3	0.109	1457.9
110.0	1.63	1.63	34.84	27.87	22.7	0.112	1458.2
120.0	1.69	1.68	34.71	27.76	33.1	0.115	1458.5
130.0	1.77	1.76	34.80	27.83	26.6	0.118	1459.1
140.0	1.70	1.69	34.76	27.81	28.9	0.121	1458.9
150.0	1.50	1.49	34.81	27.86	24.1	0.123	1458.3
160.0	1.78	1.77	34.85	27.87	23.5	0.126	1459.7
170.0	1.73	1.73	34.86	27.88	22.4	0.128	1459.7
180.0	2.03	2.02	34.93	27.91	19.1	0.130	1461.3
190.0	2.04	2.03	34.89	27.88	22.2	0.132	1461.4
200.0	1.96	1.95	34.93	27.92	18.7	0.134	1461.3
210.0	2.03	2.01	34.92	27.91	20.1	0.136	1461.7
220.0	2.05	2.04	34.91	27.90	21.0	0.138	1462.0
230.0	1.94	1.93	34.91	27.90	20.6	0.140	1461.7
240.0	1.88	1.86	34.91	27.91	20.1	0.142	1461.6
250.0	1.83	1.81	34.92	27.92	18.8	0.144	1461.5
260.0	1.83	1.82	34.92	27.92	19.1	0.146	1461.7
270.0	1.83	1.81	34.93	27.93	18.3	0.148	1461.9
280.0	1.84	1.83	34.91	27.91	19.4	0.150	1462.1
290.0	1.73	1.71	34.91	27.92	19.0	0.152	1461.7
300.0	1.71	1.69	34.91	27.92	18.6	0.154	1461.8
309.0	1.72	1.71	34.92	27.93	17.7	0.156	1462.1

DEPTH TEMP. SALIN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(DEG C) -2 -1 0 1 2 3 4 5 6
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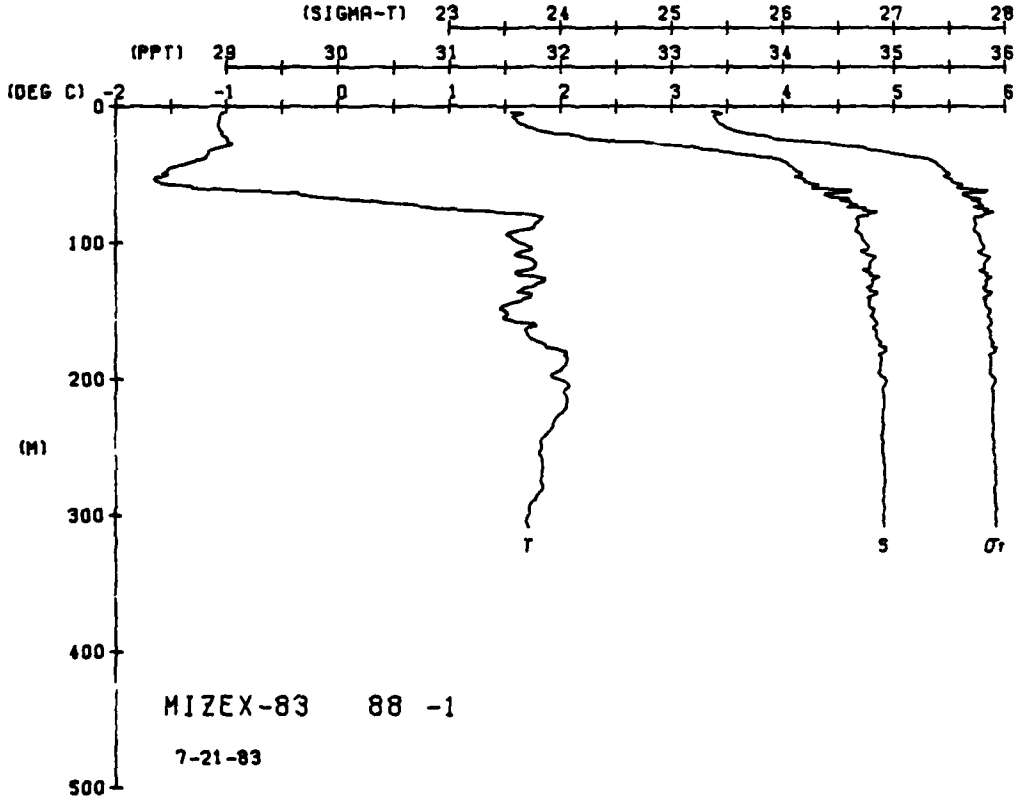
MIZEX-83 87 -1
7-20-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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(M)
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MIZEX-83 88 -1
7-21-83

MIZEX-83 STATION 89(1) CTD 21/JUL/1983 820 GMT CODE = 1
LAT = 79.0433N LNG = 2.6617W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

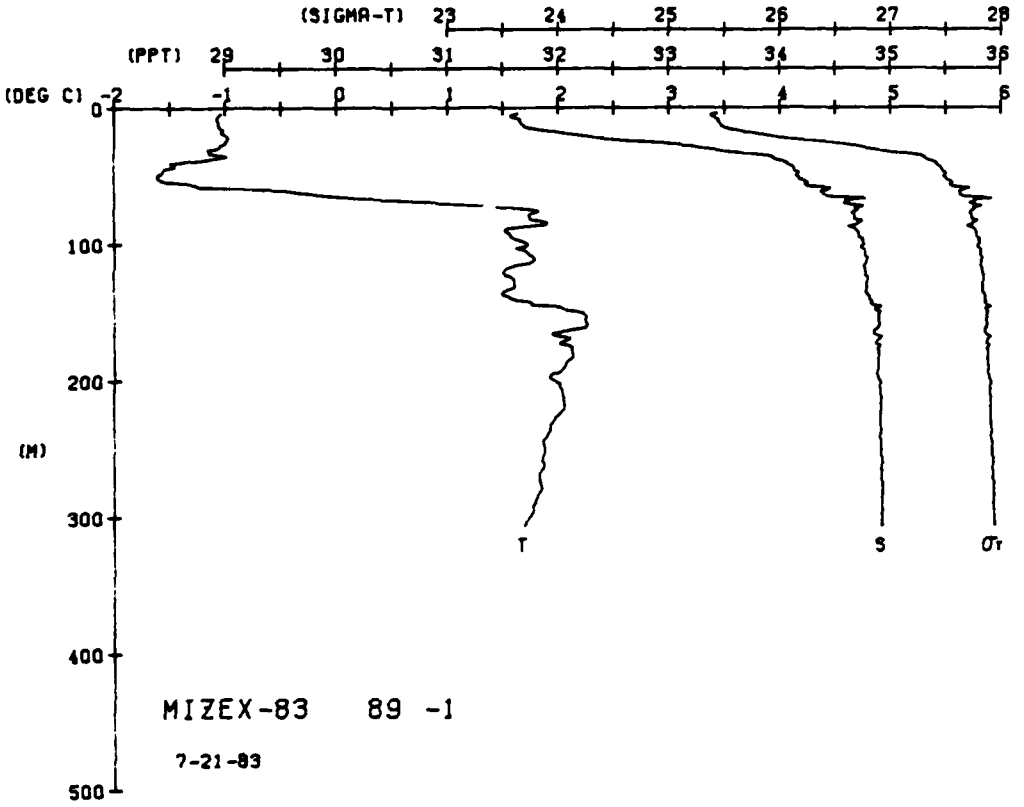
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.97	-0.97	31.59	25.39	257.6	0.000	1440.0
1.9	-0.97	-0.97	31.59	25.39	257.6	0.005	1440.1
5.0	-1.05	-1.05	31.56	25.37	259.8	0.013	1439.7
10.0	-1.07	-1.07	31.65	25.44	252.8	0.026	1439.8
15.0	-1.05	-1.05	31.73	25.51	246.4	0.039	1440.1
20.0	-1.01	-1.01	32.15	25.84	214.7	0.050	1441.0
25.0	-1.01	-1.01	32.77	26.35	166.7	0.060	1441.9
30.0	-1.11	-1.11	33.29	26.77	126.2	0.067	1442.3
35.0	-1.03	-1.03	33.82	27.20	85.7	0.073	1443.5
40.0	-1.39	-1.39	34.02	27.37	69.1	0.077	1442.2
45.0	-1.55	-1.55	34.12	27.46	60.7	0.080	1441.6
50.0	-1.61	-1.61	34.15	27.49	58.3	0.083	1441.5
55.0	-1.46	-1.46	34.26	27.57	50.2	0.086	1442.4
60.0	-0.63	-0.63	34.50	27.73	35.3	0.088	1446.7
65.0	-0.04	-0.04	34.46	27.67	41.1	0.090	1449.5
70.0	0.88	0.88	34.57	27.70	38.2	0.092	1453.8
75.0	1.74	1.74	34.71	27.76	33.5	0.094	1458.0
80.0	1.74	1.73	34.67	27.73	35.9	0.095	1458.0
85.0	1.91	1.90	34.71	27.75	34.5	0.097	1458.9
90.0	1.51	1.51	34.69	27.76	32.8	0.099	1457.2
95.0	1.57	1.57	34.71	27.78	31.6	0.100	1457.6
100.0	1.72	1.71	34.76	27.80	29.5	0.102	1458.3
110.0	1.77	1.76	34.78	27.82	28.0	0.105	1458.8
120.0	1.50	1.49	34.77	27.82	27.1	0.108	1457.7
130.0	1.61	1.60	34.79	27.84	26.1	0.110	1458.4
140.0	1.98	1.97	34.81	27.85	24.5	0.113	1458.5
150.0	2.19	2.18	34.91	27.89	21.6	0.115	1461.4
160.0	2.26	2.25	34.90	27.87	23.2	0.117	1461.9
170.0	2.10	2.09	34.89	27.88	22.6	0.120	1461.4
180.0	2.13	2.12	34.89	27.87	22.9	0.122	1461.7
190.0	2.05	2.04	34.89	27.88	22.4	0.124	1461.5
200.0	1.93	1.92	34.89	27.89	21.3	0.127	1461.1
210.0	2.04	2.03	34.90	27.89	21.4	0.129	1461.8
220.0	2.05	2.04	34.92	27.90	20.7	0.131	1462.0
230.0	1.95	1.94	34.91	27.91	20.1	0.133	1461.7
240.0	1.90	1.88	34.90	27.90	20.4	0.135	1461.6
250.0	1.87	1.86	34.91	27.91	19.8	0.137	1461.7
260.0	1.86	1.84	34.92	27.92	19.0	0.139	1461.8
270.0	1.83	1.81	34.91	27.92	19.3	0.141	1461.8
280.0	1.85	1.83	34.93	27.92	18.6	0.143	1462.1
290.0	1.79	1.77	34.92	27.93	18.4	0.145	1462.0
300.0	1.74	1.73	34.92	27.93	18.2	0.147	1462.0
307.6	1.68	1.67	34.93	27.94	17.3	0.148	1461.9

DEPTH TEMP. SALIN

MIZEX-83 STATION 90(1) CTD 21/JUL/1983 855 GMT CODE = 1
LAT = 79.0850N LNG = 3.0867W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.17	-1.17	31.77	25.94	243.3	0.000	1439.4
1.9	-1.17	-1.17	31.77	25.94	243.2	0.005	1439.4
5.0	-1.16	-1.16	31.75	25.92	244.9	0.012	1439.4
10.0	-1.17	-1.17	31.78	25.95	242.6	0.025	1439.5
15.0	-1.17	-1.17	31.80	25.96	241.0	0.037	1439.7
20.0	-1.20	-1.20	31.85	25.61	236.8	0.049	1439.7
25.0	-1.44	-1.44	32.28	25.96	202.9	0.060	1439.2
30.0	-1.60	-1.60	33.04	26.58	144.4	0.069	1439.6
35.0	-1.63	-1.63	33.42	26.90	114.4	0.075	1440.1
40.0	-1.54	-1.54	33.64	27.07	98.1	0.081	1440.9
45.0	-1.55	-1.55	33.85	27.24	82.0	0.085	1441.2
50.0	-1.60	-1.60	33.99	27.35	71.0	0.089	1441.3
55.0	-1.24	-1.24	34.01	27.36	70.5	0.093	1443.1
60.0	-1.63	-1.63	34.09	27.43	63.4	0.096	1441.4
65.0	-1.65	-1.65	34.12	27.46	60.5	0.099	1441.5
70.0	-1.56	-1.56	34.18	27.51	55.9	0.102	1442.1
75.0	-1.59	-1.59	34.17	27.50	56.6	0.105	1442.0
80.0	-1.51	-1.51	34.20	27.52	54.7	0.108	1442.5
85.0	-1.30	-1.30	34.25	27.55	51.8	0.111	1443.7
90.0	-0.98	-0.99	34.33	27.61	46.4	0.113	1445.3
95.0	-0.74	-0.74	34.37	27.63	44.9	0.115	1446.6
100.0	-0.64	-0.64	34.40	27.65	42.7	0.118	1447.2
110.0	-0.48	-0.48	34.45	27.68	39.7	0.122	1448.2
120.0	-0.02	-0.02	34.58	27.76	32.3	0.125	1450.6
130.0	1.39	1.38	34.76	27.83	26.8	0.128	1457.4
140.0	1.79	1.79	34.78	27.81	28.8	0.131	1459.4
150.0	2.01	2.00	34.82	27.82	27.4	0.134	1460.5
160.0	2.33	2.32	34.88	27.85	25.3	0.137	1462.2
170.0	2.56	2.55	34.91	27.85	25.0	0.139	1463.4
180.0	2.55	2.54	34.89	27.84	26.3	0.142	1463.5
190.0	2.48	2.47	34.91	27.86	24.5	0.144	1463.4
200.0	2.09	2.08	34.88	27.87	23.6	0.147	1461.8
210.0	2.54	2.53	34.94	27.88	22.6	0.149	1464.0
220.0	2.62	2.61	34.94	27.87	23.6	0.151	1464.5
230.0	2.39	2.38	34.92	27.87	23.6	0.154	1463.7
240.0	2.19	2.18	34.92	27.89	21.7	0.156	1463.0
250.0	2.17	2.15	34.92	27.90	21.1	0.158	1463.0
260.0	2.14	2.12	34.92	27.90	21.0	0.160	1463.1
270.0	2.12	2.11	34.94	27.91	19.9	0.163	1463.2
280.0	2.02	2.01	34.92	27.91	20.3	0.165	1462.9
290.0	2.03	2.01	34.94	27.92	19.2	0.167	1463.1
300.0	1.96	1.95	34.93	27.92	19.4	0.168	1463.0
307.9	1.82	1.80	34.93	27.93	18.1	0.170	1462.5

DEPTH TEMP. SALIN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(DEG C) -2 -1 0 1 2 3 4 5 6
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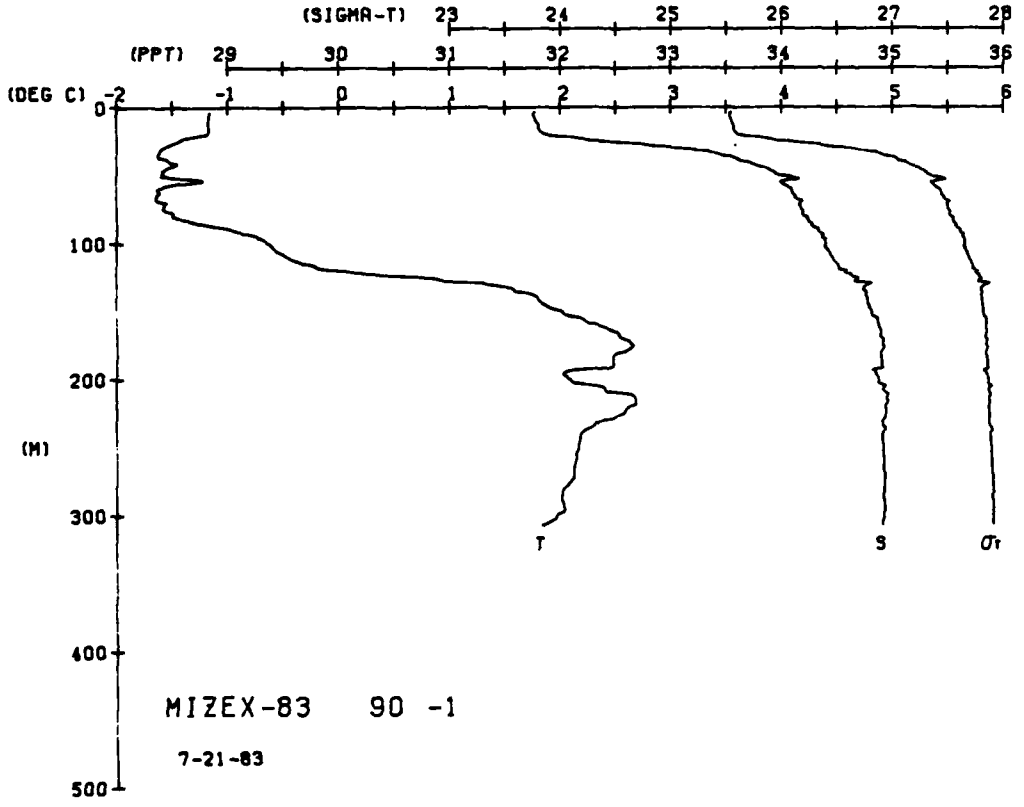
MIZEX-83 89 -1
7-21-83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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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MIZEX-83 90 -1
7-21-83

MIZEX-83 STATION 91(1) CTD 21/JUL/1983 943 GMT CODE = 1
LAT = 79.115ON LNG = 3.4833W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

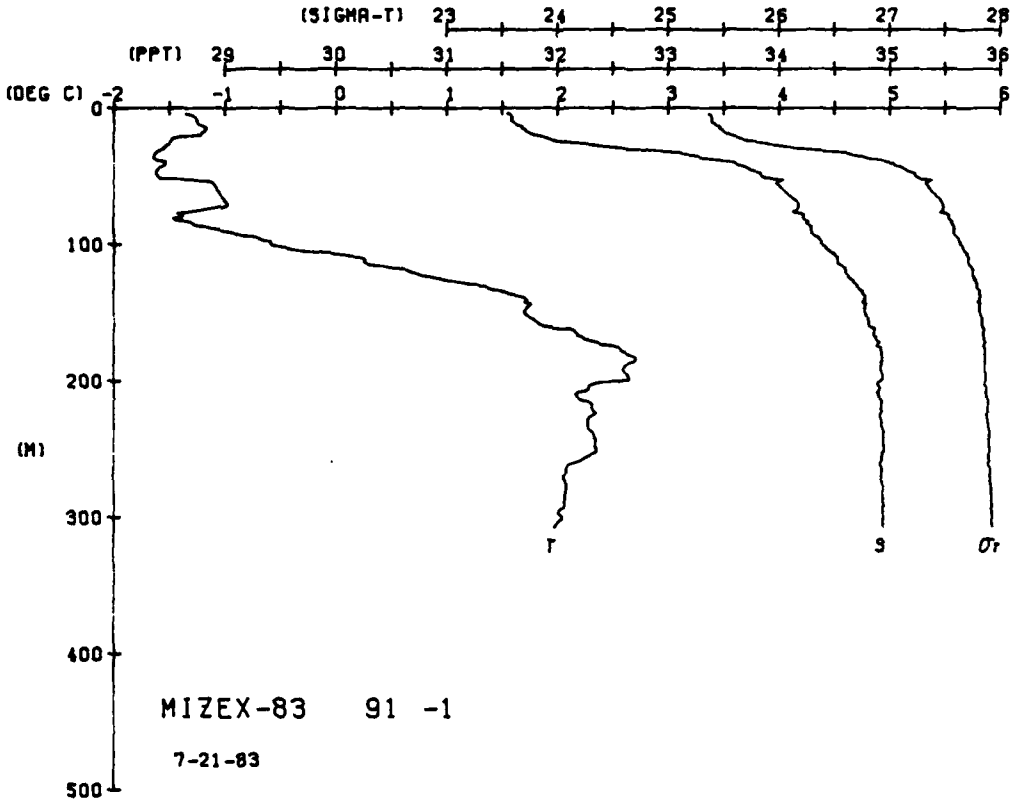
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.45	-1.45	31.54	25.36	260.7	0.000	1437.7
1.9	-1.45	-1.45	31.54	25.36	260.7	0.005	1437.7
5.0	-1.31	-1.31	31.57	25.38	258.2	0.013	1438.5
10.0	-1.25	-1.25	31.58	25.39	257.4	0.026	1438.9
15.0	-1.16	-1.17	31.67	25.46	250.7	0.039	1439.5
20.0	-1.22	-1.22	31.78	25.55	242.2	0.052	1439.5
25.0	-1.49	-1.49	32.05	25.77	221.0	0.063	1438.6
30.0	-1.56	-1.56	32.55	26.19	181.8	0.073	1439.1
35.0	-1.64	-1.64	33.16	26.68	135.0	0.081	1439.6
40.0	-1.54	-1.54	33.55	26.99	105.2	0.087	1440.8
45.0	-1.62	-1.62	33.71	27.12	92.7	0.092	1440.7
50.0	-1.61	-1.61	33.83	27.23	82.8	0.097	1441.0
55.0	-1.11	-1.12	33.97	27.32	73.9	0.101	1443.6
60.0	-1.07	-1.07	34.03	27.37	69.4	0.104	1444.0
65.0	-1.03	-1.03	34.11	27.43	63.6	0.108	1444.4
70.0	-0.98	-0.98	34.17	27.48	59.3	0.111	1444.8
75.0	-1.21	-1.21	34.16	27.48	59.1	0.114	1443.7
80.0	-1.38	-1.38	34.21	27.53	54.2	0.117	1443.1
85.0	-1.29	-1.29	34.25	27.56	51.6	0.119	1443.7
90.0	-1.02	-1.03	34.30	27.59	48.8	0.122	1445.1
95.0	-0.74	-0.74	34.35	27.62	45.8	0.124	1446.6
100.0	-0.60	-0.60	34.36	27.62	46.0	0.127	1447.3
110.0	0.22	0.21	34.52	27.71	37.4	0.131	1451.4
120.0	0.66	0.65	34.59	27.74	34.9	0.135	1453.7
130.0	1.26	1.26	34.71	27.79	30.1	0.138	1456.8
140.0	1.72	1.71	34.77	27.81	28.4	0.141	1459.0
150.0	1.70	1.69	34.78	27.82	28.2	0.144	1459.1
160.0	1.88	1.88	34.81	27.83	27.3	0.146	1460.1
170.0	2.24	2.23	34.87	27.85	25.5	0.149	1461.9
180.0	2.62	2.61	34.92	27.86	24.7	0.152	1463.9
190.0	2.60	2.58	34.92	27.86	24.6	0.154	1463.9
200.0	2.60	2.59	34.92	27.86	24.8	0.157	1464.1
210.0	2.15	2.14	34.89	27.87	23.1	0.159	1462.3
220.0	2.31	2.30	34.92	27.88	22.7	0.161	1463.1
230.0	2.27	2.25	34.92	27.89	22.2	0.164	1463.1
240.0	2.33	2.31	34.94	27.90	21.1	0.166	1463.6
250.0	2.35	2.34	34.95	27.90	21.0	0.168	1463.9
260.0	2.15	2.14	34.91	27.89	22.2	0.170	1463.1
270.0	2.05	2.04	34.92	27.91	20.5	0.172	1462.9
280.0	2.07	2.06	34.94	27.91	19.7	0.174	1463.1
290.0	2.06	2.04	34.94	27.92	19.3	0.176	1463.2
300.0	2.04	2.03	34.94	27.92	19.1	0.178	1463.3
307.6	1.94	1.92	34.93	27.92	18.8	0.180	1463.0

DEPTH TEMP SALIN

MIZEX-83 STATION 92(1) CTD 21/JUL/1983 1029 GMT CODE = 1
LAT = 79.155ON LNG = 3.9833W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.81	-0.81	31.59	25.38	258.2	0.000	1440.8
1.9	-0.81	-0.81	31.59	25.38	258.2	0.005	1440.8
5.0	-0.84	-0.84	31.81	25.56	241.3	0.013	1441.0
10.0	-1.21	-1.21	31.65	25.44	252.6	0.025	1439.2
15.0	-1.23	-1.23	31.69	25.48	249.1	0.038	1439.2
20.0	-1.25	-1.25	31.79	25.56	241.5	0.050	1439.3
25.0	-1.29	-1.29	31.93	25.67	230.8	0.062	1439.4
30.0	-1.54	-1.54	32.42	26.08	191.8	0.073	1439.0
35.0	-1.56	-1.56	32.91	26.48	154.1	0.082	1439.7
40.0	-1.53	-1.53	33.30	26.79	124.1	0.089	1440.5
45.0	-1.51	-1.51	33.50	26.95	108.9	0.095	1440.9
50.0	-1.69	-1.69	33.69	27.11	93.9	0.100	1440.4
55.0	-1.57	-1.57	33.83	27.22	83.6	0.104	1441.3
60.0	-1.60	-1.61	33.91	27.29	77.1	0.108	1441.3
65.0	-1.65	-1.66	34.01	27.37	69.4	0.112	1441.3
70.0	-1.66	-1.66	34.06	27.41	65.3	0.115	1441.4
75.0	-1.63	-1.63	34.08	27.43	63.5	0.119	1441.7
80.0	-1.61	-1.61	34.16	27.49	57.9	0.122	1442.0
85.0	-1.57	-1.57	34.17	27.50	57.2	0.125	1442.3
90.0	-1.41	-1.41	34.24	27.55	51.9	0.127	1443.2
95.0	-0.93	-0.94	34.27	27.56	51.2	0.130	1445.6
100.0	-0.48	-0.48	34.39	27.64	44.3	0.132	1447.9
110.0	-0.10	-0.11	34.46	27.67	40.9	0.137	1449.9
120.0	0.42	0.42	34.59	27.75	33.4	0.140	1452.6
130.0	1.04	1.03	34.66	27.77	31.8	0.144	1455.7
140.0	1.27	1.26	34.71	27.80	29.7	0.147	1456.9
150.0	1.29	1.28	34.74	27.82	27.8	0.150	1457.2
160.0	1.86	1.85	34.83	27.85	25.1	0.152	1460.1
170.0	1.78	1.78	34.81	27.83	26.5	0.155	1459.9
180.0	1.92	1.91	34.84	27.85	24.8	0.158	1460.7
190.0	2.20	2.19	34.90	27.87	23.2	0.160	1462.2
200.0	2.24	2.23	34.90	27.87	23.4	0.162	1462.5
210.0	2.25	2.24	34.91	27.88	23.0	0.165	1462.7
220.0	2.18	2.17	34.91	27.89	22.0	0.167	1462.6
230.0	1.87	1.86	34.88	27.89	22.0	0.169	1461.3
240.0	1.83	1.82	34.89	27.90	20.7	0.171	1461.3
250.0	1.74	1.73	34.88	27.90	20.7	0.174	1461.1
260.0	1.75	1.73	34.90	27.91	19.9	0.176	1461.3
270.0	1.32	1.31	34.86	27.91	19.7	0.178	1459.5
280.0	1.52	1.50	34.90	27.93	17.8	0.180	1460.6
290.0	1.66	1.64	34.92	27.94	17.4	0.181	1461.5
300.0	1.56	1.54	34.91	27.94	17.4	0.183	1461.1
304.2	1.61	1.59	34.92	27.94	16.9	0.184	1461.5

DEPTH TEMP. SALIN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MIZEX-83 91 -1
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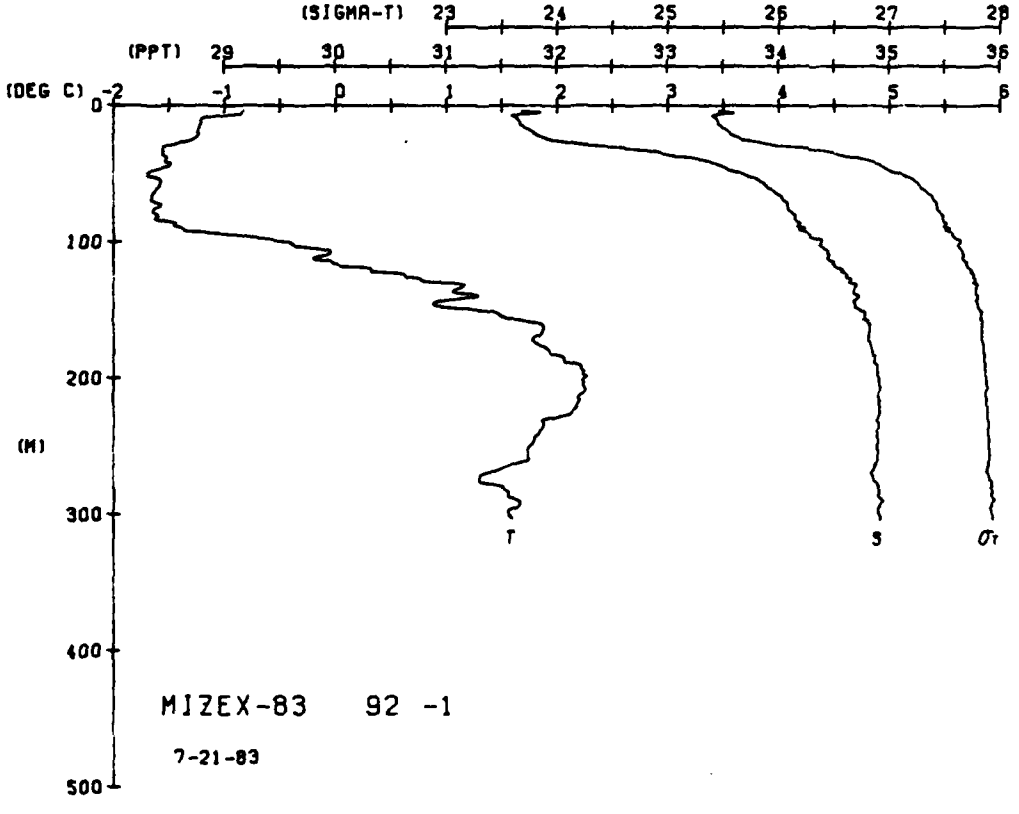
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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MIZEX-83 92 -1
7-21-83

MIZEX-83 STATION 93(1) CTD 21/JUL/1983 1114 GMT CODE = 1
LAT = 79.1917N LNG = 4.4183W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

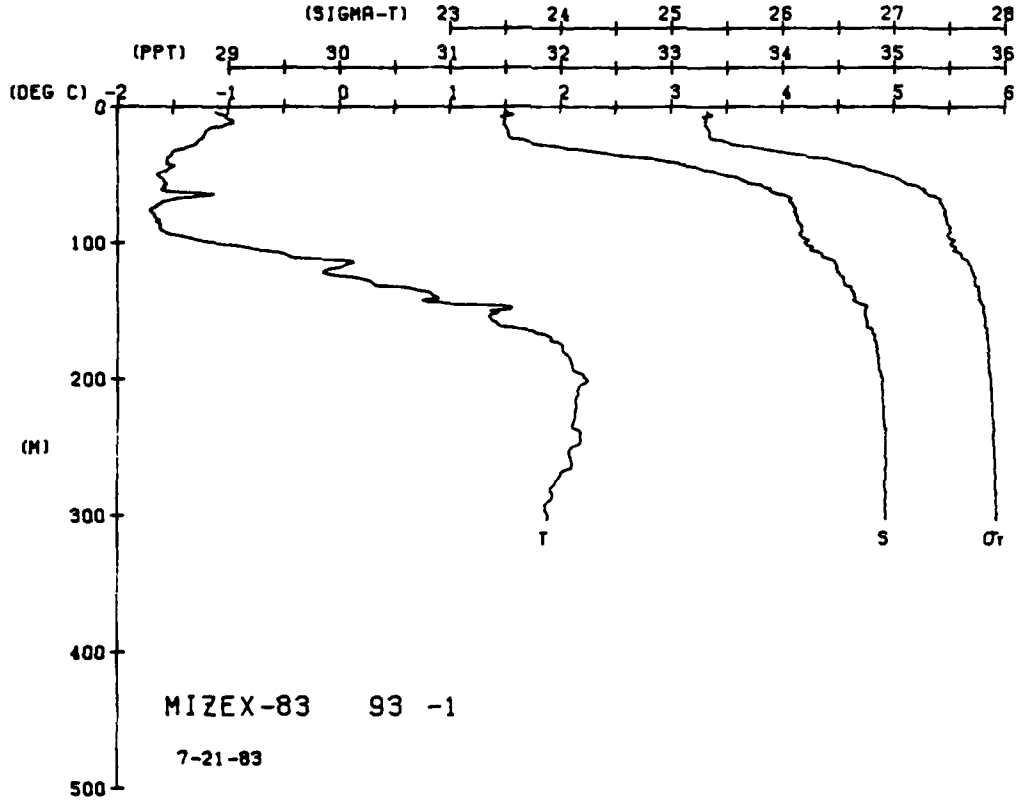
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.96	-0.96	31.39	25.22	273.5	0.000	1439.8
1.9	-0.96	-0.96	31.39	25.22	273.5	0.005	1439.8
5.0	-1.07	-1.07	31.50	25.32	264.5	0.014	1439.5
10.0	-0.96	-0.96	31.50	25.32	264.6	0.027	1440.1
15.0	-1.14	-1.14	31.51	25.33	263.6	0.040	1439.4
20.0	-1.22	-1.22	31.53	25.34	261.8	0.054	1439.1
25.0	-1.27	-1.27	31.66	25.45	251.3	0.067	1439.1
30.0	-1.38	-1.38	31.97	25.71	226.8	0.079	1439.1
35.0	-1.52	-1.52	32.45	26.10	189.5	0.089	1439.2
40.0	-1.56	-1.56	32.91	26.48	154.2	0.098	1439.8
45.0	-1.55	-1.55	33.23	26.73	129.6	0.105	1440.4
50.0	-1.65	-1.65	33.44	26.91	112.8	0.111	1440.3
55.0	-1.59	-1.59	33.65	27.08	97.1	0.117	1440.9
60.0	-1.57	-1.57	33.86	27.25	81.0	0.121	1441.4
65.0	-1.16	-1.16	33.99	27.34	72.1	0.125	1443.6
70.0	-1.58	-1.58	34.06	27.41	65.6	0.128	1441.8
75.0	-1.71	-1.71	34.12	27.46	60.4	0.132	1441.4
80.0	-1.67	-1.67	34.11	27.45	61.4	0.135	1441.6
85.0	-1.67	-1.67	34.14	27.48	58.9	0.138	1441.8
90.0	-1.62	-1.63	34.16	27.50	57.3	0.141	1442.1
95.0	-1.44	-1.44	34.17	27.49	57.6	0.144	1443.0
100.0	-1.14	-1.14	34.20	27.51	55.8	0.146	1444.6
110.0	-0.47	-0.47	34.35	27.60	47.5	0.152	1448.1
120.0	-0.13	-0.14	34.48	27.69	39.1	0.156	1450.0
130.0	0.30	0.30	34.55	27.73	35.7	0.160	1452.2
140.0	0.87	0.86	34.64	27.76	32.6	0.163	1455.1
150.0	1.35	1.34	34.73	27.80	29.0	0.166	1457.5
160.0	1.42	1.42	34.75	27.81	28.3	0.169	1458.0
170.0	1.91	1.91	34.82	27.83	26.7	0.172	1460.4
180.0	2.02	2.01	34.85	27.85	25.5	0.175	1461.1
190.0	2.11	2.10	34.87	27.86	24.6	0.177	1461.7
200.0	2.23	2.22	34.89	27.87	23.8	0.180	1462.4
210.0	2.15	2.14	34.90	27.88	22.9	0.182	1462.3
220.0	2.13	2.12	34.90	27.88	22.4	0.184	1462.3
230.0	2.11	2.10	34.90	27.89	22.1	0.187	1462.4
240.0	2.18	2.17	34.92	27.89	21.3	0.189	1462.9
250.0	2.08	2.07	34.91	27.89	21.4	0.191	1462.6
260.0	2.09	2.08	34.93	27.91	20.1	0.193	1462.9
270.0	1.99	1.97	34.92	27.91	20.1	0.195	1462.6
280.0	1.91	1.89	34.91	27.91	19.9	0.197	1462.4
290.0	1.88	1.86	34.92	27.92	19.4	0.199	1462.4
300.0	1.89	1.87	34.93	27.93	18.4	0.201	1462.6
303.9	1.86	1.85	34.92	27.92	19.1	0.202	1462.6

DEPTH TEMP. SALIN

MIZEX-83 STATION 94(1) CTD 21/JUL/1983 1206 GMT CODE = 1
LAT = 79.2283N LNG = 4.8850W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.26	-1.26	31.26	25.13	282.5	0.000	1438.2
1.9	-1.26	-1.26	31.26	25.13	282.5	0.006	1438.2
5.0	-1.37	-1.37	31.41	25.26	270.4	0.014	1438.0
10.0	-1.33	-1.33	31.47	25.30	266.3	0.028	1438.3
15.0	-1.39	-1.39	31.44	25.28	268.1	0.041	1438.1
20.0	-1.46	-1.46	31.58	25.40	257.0	0.055	1438.0
25.0	-1.51	-1.51	31.67	25.47	249.7	0.067	1438.0
30.0	-1.56	-1.56	31.73	25.52	245.4	0.080	1437.9
35.0	-1.58	-1.58	31.83	25.60	237.1	0.092	1438.1
40.0	-1.61	-1.61	32.03	25.76	222.0	0.104	1438.3
45.0	-1.60	-1.60	32.46	26.11	188.7	0.114	1439.0
50.0	-1.46	-1.46	32.93	26.49	152.8	0.123	1440.4
55.0	-1.47	-1.47	33.27	26.76	126.8	0.130	1441.0
60.0	-1.51	-1.51	33.52	26.97	107.5	0.136	1441.2
65.0	-1.63	-1.63	33.73	27.14	90.7	0.141	1441.0
70.0	-1.62	-1.62	33.86	27.25	80.4	0.145	1441.3
75.0	-1.60	-1.60	33.96	27.33	73.1	0.149	1441.6
80.0	-1.62	-1.62	34.04	27.39	67.2	0.152	1441.8
85.0	-1.64	-1.65	34.08	27.43	63.3	0.156	1441.8
90.0	-1.65	-1.65	34.10	27.45	62.0	0.159	1441.9
95.0	-1.64	-1.64	34.13	27.47	59.9	0.162	1442.0
100.0	-1.61	-1.62	34.17	27.50	56.7	0.165	1442.3
110.0	-1.55	-1.55	34.20	27.52	54.4	0.170	1442.8
120.0	-1.15	-1.15	34.30	27.60	47.8	0.176	1445.0
130.0	-0.70	-0.70	34.38	27.64	43.7	0.180	1447.4
140.0	0.20	0.20	34.50	27.69	39.4	0.184	1451.9
150.0	0.99	0.98	34.67	27.78	31.3	0.188	1455.8
160.0	1.70	1.70	34.74	27.79	30.9	0.191	1459.2
170.0	1.42	1.41	34.71	27.79	30.9	0.194	1458.1
180.0	1.64	1.63	34.83	27.86	23.7	0.197	1459.4
190.0	2.03	2.01	34.85	27.85	25.1	0.199	1461.3
200.0	2.28	2.27	34.90	27.87	23.4	0.202	1462.7
210.0	2.28	2.27	34.90	27.87	23.9	0.204	1462.8
220.0	2.43	2.42	34.93	27.88	23.1	0.207	1463.7
230.0	2.46	2.45	34.93	27.88	22.9	0.209	1464.0
240.0	2.39	2.37	34.93	27.89	22.3	0.211	1463.8
250.0	2.25	2.23	34.91	27.88	22.9	0.214	1463.4
260.0	2.14	2.12	34.91	27.89	21.9	0.216	1463.0
270.0	1.98	1.97	34.90	27.90	21.2	0.218	1462.5
280.0	1.91	1.89	34.89	27.89	21.4	0.220	1462.3
290.0	1.79	1.77	34.91	27.91	19.4	0.222	1462.0

DEPTH TEMP. SALIN



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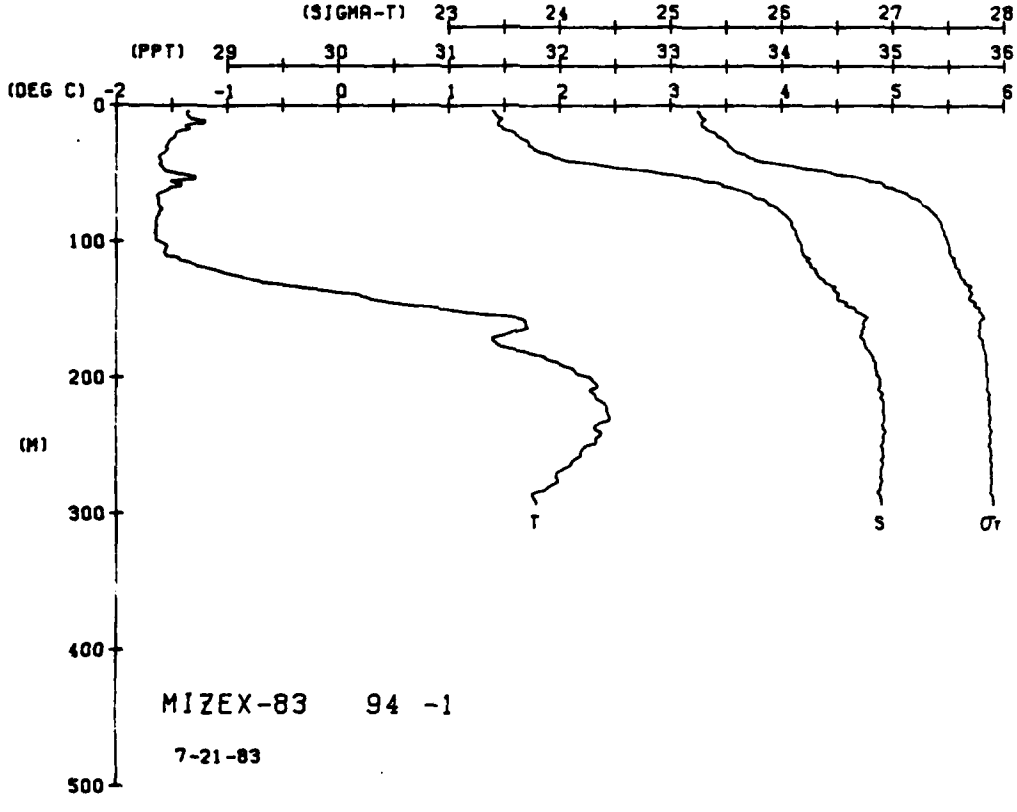


MIZEX-83 94 -1

7-21-83

MIZEX-83 STATION 95(1) CTD 21/JUL/1983 1254 GMT CODE = 1
LAT = 79.0000N LNG = 2.2350W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

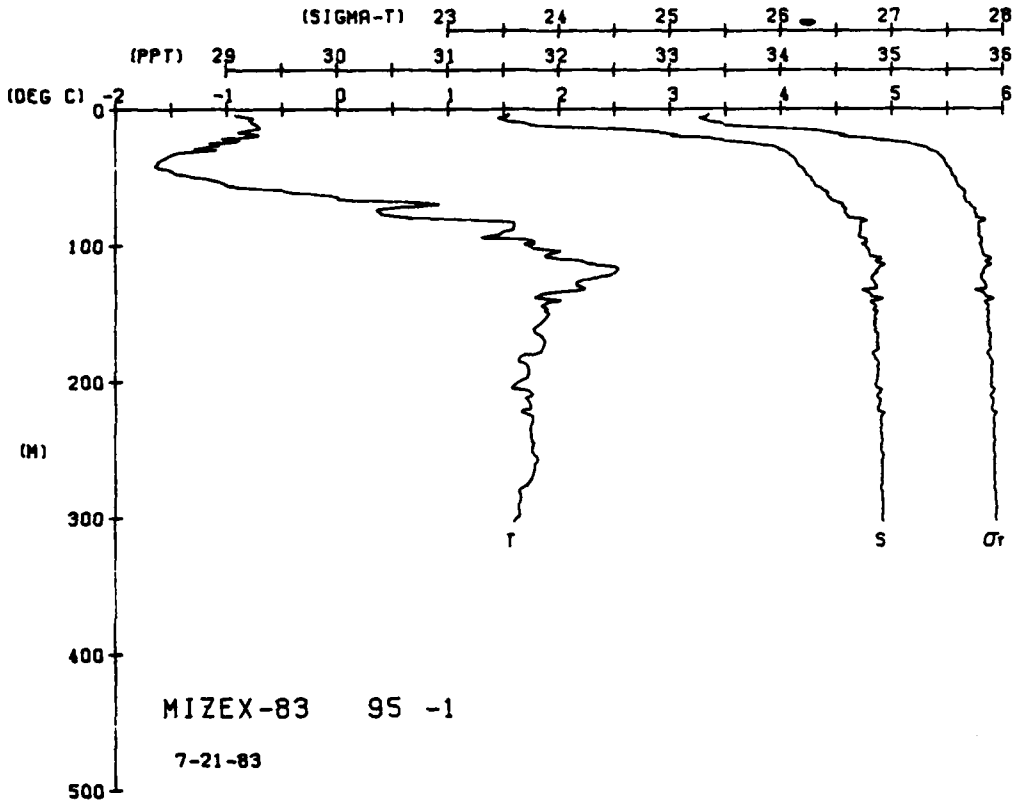
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.56	-0.56	31.47	25.28	268.3	0.000	1441.8
2.0	-0.56	-0.56	31.47	25.28	268.3	0.005	1441.8
5.0	-0.87	-0.87	31.54	25.34	262.0	0.013	1440.5
10.0	-0.77	-0.77	31.54	25.34	261.9	0.027	1441.1
15.0	-0.76	-0.76	32.51	26.13	187.5	0.038	1442.6
20.0	-0.72	-0.73	33.06	26.57	145.1	0.047	1443.6
25.0	-1.15	-1.16	33.70	27.11	94.5	0.053	1442.6
30.0	-1.17	-1.17	34.00	27.35	71.5	0.057	1443.0
35.0	-1.54	-1.54	34.11	27.45	62.1	0.060	1441.5
40.0	-1.62	-1.62	34.15	27.49	58.6	0.063	1441.3
45.0	-1.51	-1.51	34.21	27.53	54.3	0.066	1441.9
50.0	-1.31	-1.31	34.24	27.55	52.2	0.069	1443.0
55.0	-1.02	-1.02	34.30	27.59	49.1	0.071	1444.5
60.0	-0.51	-0.51	34.38	27.63	44.8	0.074	1447.1
65.0	0.01	0.01	34.43	27.65	43.6	0.076	1449.6
70.0	0.92	0.92	34.56	27.70	39.0	0.078	1454.0
75.0	0.35	0.35	34.57	27.74	34.5	0.080	1451.6
80.0	0.61	0.60	34.60	27.75	33.9	0.082	1452.8
85.0	1.39	1.39	34.71	27.77	31.8	0.083	1457.5
90.0	1.51	1.50	34.71	27.78	31.5	0.085	1457.2
95.0	1.35	1.35	34.72	27.80	29.3	0.086	1456.6
100.0	1.64	1.64	34.75	27.80	29.8	0.088	1458.0
110.0	1.97	1.97	34.90	27.89	21.0	0.090	1459.8
120.0	2.51	2.51	34.85	27.81	28.8	0.093	1462.3
130.0	2.16	2.15	34.86	27.85	25.4	0.096	1460.9
140.0	1.96	1.95	34.90	27.90	20.5	0.098	1460.3
150.0	1.90	1.89	34.86	27.87	23.2	0.100	1460.1
160.0	1.79	1.78	34.84	27.86	24.3	0.103	1459.7
170.0	1.88	1.87	34.88	27.88	22.0	0.105	1460.4
180.0	1.74	1.73	34.80	27.83	26.5	0.107	1459.8
190.0	1.72	1.71	34.87	27.89	21.7	0.110	1460.0
200.0	1.65	1.64	34.86	27.89	21.7	0.112	1459.8
210.0	1.76	1.75	34.87	27.89	21.7	0.114	1460.5
220.0	1.73	1.72	34.87	27.89	21.7	0.116	1460.5
230.0	1.76	1.74	34.89	27.91	20.0	0.119	1460.8
240.0	1.75	1.74	34.90	27.91	19.5	0.121	1461.0
250.0	1.76	1.75	34.91	27.92	19.0	0.122	1461.2
260.0	1.79	1.77	34.90	27.91	19.7	0.124	1461.5
270.0	1.75	1.74	34.91	27.92	18.6	0.126	1461.5
280.0	1.63	1.62	34.90	27.92	18.7	0.128	1461.1
290.0	1.63	1.62	34.91	27.93	17.7	0.130	1461.3
300.0	1.62	1.61	34.91	27.93	18.2	0.132	1461.4
303.5	1.58	1.57	34.92	27.94	17.2	0.133	1461.3

DEPTH TEMP SALIN

MIZEX-83 STATION 96(1) CTD 21/JUL/1983 1259 GMT CODE = 1
LAT = 79.2617N LNG = 5.3350W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.54	-0.54	30.80	24.74	319.9	0.000	1441.0
1.9	-0.54	-0.54	30.80	24.74	319.9	0.006	1441.0
5.0	-0.48	-0.48	30.93	24.84	310.1	0.016	1441.5
10.0	-0.53	-0.53	30.79	24.73	320.7	0.032	1441.2
15.0	-0.91	-0.91	31.03	24.94	300.7	0.048	1439.8
20.0	-0.88	-0.88	31.53	25.34	262.1	0.062	1440.7
25.0	-1.18	-1.19	31.68	25.47	250.0	0.075	1439.6
30.0	-1.35	-1.35	31.73	25.51	245.5	0.087	1439.0
35.0	-1.37	-1.37	31.80	25.57	239.9	0.100	1439.0
40.0	-1.53	-1.53	31.94	25.69	229.0	0.111	1438.5
45.0	-1.61	-1.61	31.99	25.73	225.2	0.123	1438.3
50.0	-1.69	-1.69	32.03	25.77	221.4	0.134	1438.1
55.0	-1.61	-1.61	32.09	25.81	217.4	0.145	1438.6
60.0	-1.59	-1.59	32.18	25.88	210.2	0.156	1439.0
65.0	-1.55	-1.56	32.36	26.03	196.6	0.166	1439.4
70.0	-1.61	-1.61	32.55	26.19	181.2	0.176	1439.6
75.0	-1.50	-1.50	32.93	26.49	152.4	0.184	1440.7
80.0	-1.32	-1.32	33.12	26.64	138.6	0.192	1441.9
85.0	-1.51	-1.51	33.28	26.77	125.6	0.198	1441.3
90.0	-1.55	-1.55	33.58	27.02	102.6	0.204	1441.6
95.0	-1.61	-1.61	33.83	27.23	82.5	0.209	1441.8
100.0	-1.63	-1.63	33.98	27.34	71.6	0.213	1441.9
110.0	-1.70	-1.71	34.09	27.44	62.2	0.220	1441.9
120.0	-1.66	-1.66	34.16	27.50	57.1	0.226	1442.4
130.0	-1.61	-1.62	34.21	27.54	53.3	0.231	1442.9
140.0	-1.15	-1.15	34.28	27.58	49.6	0.236	1445.3
150.0	-0.64	-0.64	34.40	27.65	42.9	0.241	1448.0
160.0	-0.47	-0.47	34.47	27.70	38.3	0.245	1449.1
170.0	-0.27	-0.28	34.53	27.74	34.3	0.249	1450.2
180.0	-0.13	-0.14	34.58	27.78	31.0	0.252	1451.1
190.0	0.09	0.09	34.63	27.80	28.7	0.255	1452.4
200.0	0.21	0.20	34.64	27.80	28.6	0.258	1453.1
210.0	0.26	0.25	34.67	27.83	26.6	0.261	1453.5
220.0	0.31	0.31	34.70	27.84	24.8	0.263	1454.0
230.0	0.56	0.55	34.75	27.88	22.1	0.266	1455.3
240.0	0.32	0.31	34.75	27.89	21.0	0.268	1454.4
250.0	0.34	0.33	34.76	27.90	20.1	0.270	1454.7
260.0	0.35	0.33	34.76	27.89	20.7	0.272	1454.8
270.0	0.38	0.37	34.76	27.89	20.3	0.274	1455.2
280.0	0.40	0.38	34.77	27.90	19.8	0.276	1455.4
290.0	0.43	0.42	34.81	27.93	17.2	0.278	1455.8
298.0	0.45	0.44	34.81	27.93	17.0	0.280	1456.0

DEPTH TEMP SALIN



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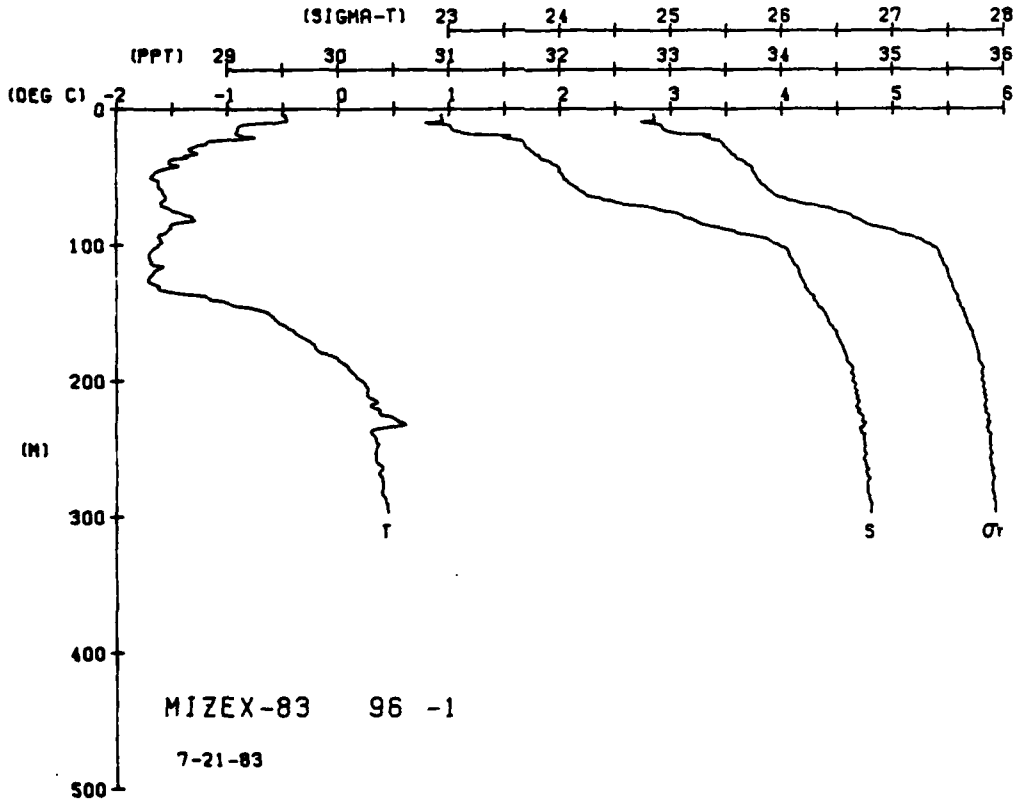


MIZEX-83 96 -1

7-21-83

MIZEX-83 STATION 97(1) CTD 21/JUL/1983 1344 GMT CODE = 1
LAT = 78.9700N LNG = 1.8733W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

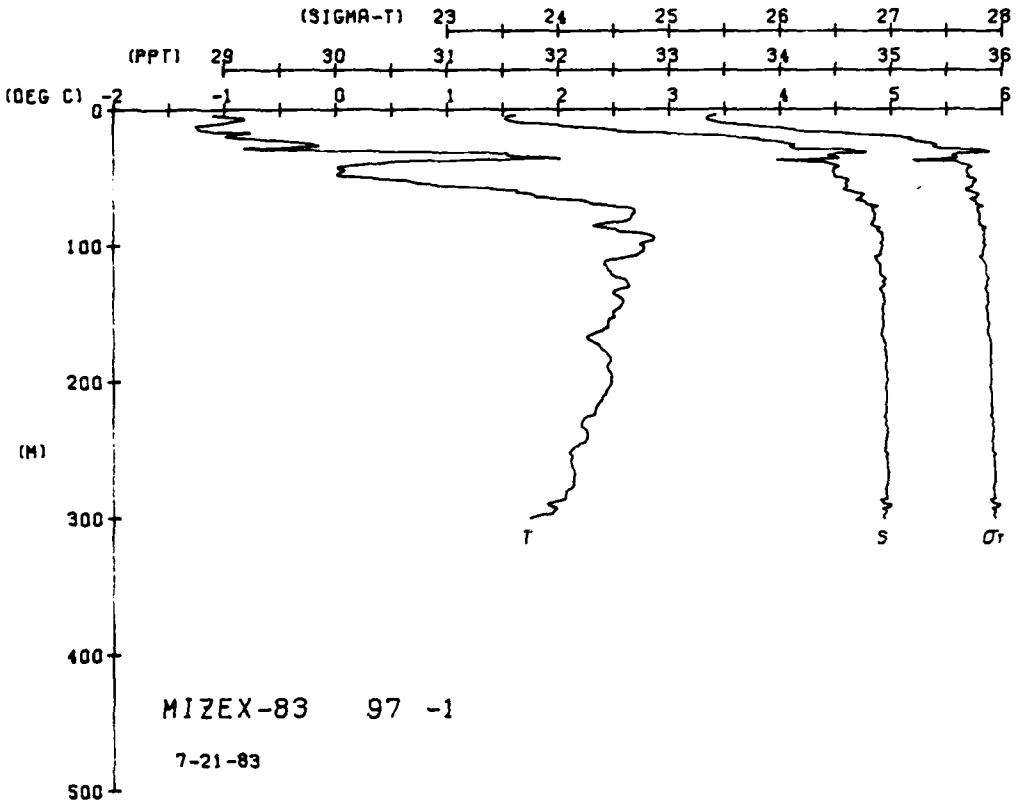
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.07	-1.07	31.25	25.12	283.4	0.000	1439.1
2.0	-1.07	-1.07	31.25	25.12	283.4	0.006	1439.2
5.0	-1.02	-1.02	31.56	25.36	260.2	0.014	1439.8
10.0	-1.00	-1.00	31.66	25.45	252.3	0.027	1440.2
15.0	-1.23	-1.23	32.39	26.05	194.9	0.038	1440.2
20.0	-1.01	-1.01	33.53	26.96	108.2	0.046	1442.9
25.0	-0.33	-0.33	34.02	27.33	73.2	0.051	1446.9
30.0	-0.64	-0.64	34.53	27.76	32.8	0.053	1446.2
35.0	1.60	1.60	34.45	27.56	31.7	0.055	1456.3
40.0	0.38	0.38	34.43	27.62	45.6	0.058	1450.9
45.0	0.06	0.06	34.49	27.69	39.2	0.060	1449.6
50.0	0.16	0.16	34.48	27.68	40.3	0.062	1450.1
55.0	0.73	0.73	34.59	27.73	35.6	0.064	1453.0
60.0	1.63	1.63	34.60	27.68	41.0	0.066	1457.1
65.0	1.80	1.80	34.73	27.77	32.1	0.068	1458.1
70.0	2.30	2.29	34.78	27.77	32.2	0.069	1460.4
75.0	2.68	2.68	34.83	27.78	31.5	0.071	1462.2
80.0	2.65	2.64	34.84	27.79	30.2	0.072	1462.2
85.0	2.36	2.36	34.82	27.80	29.9	0.074	1461.0
90.0	2.55	2.54	34.89	27.84	26.0	0.075	1462.0
95.0	2.86	2.85	34.92	27.83	26.7	0.077	1463.5
100.0	2.75	2.74	34.92	27.84	25.6	0.078	1463.1
110.0	2.55	2.54	34.88	27.83	27.2	0.081	1462.3
120.0	2.47	2.47	34.90	27.85	24.6	0.083	1462.2
130.0	2.64	2.63	34.93	27.86	23.8	0.086	1463.1
140.0	2.58	2.57	34.93	27.87	23.6	0.088	1463.0
150.0	2.49	2.48	34.93	27.88	22.8	0.091	1462.8
160.0	2.44	2.43	34.94	27.88	22.1	0.093	1462.8
170.0	2.28	2.27	34.93	27.89	21.3	0.095	1462.2
180.0	2.44	2.43	34.95	27.89	21.2	0.097	1463.1
190.0	2.44	2.43	34.95	27.90	21.2	0.099	1463.3
200.0	2.48	2.47	34.97	27.91	20.1	0.101	1463.6
210.0	2.42	2.41	34.96	27.90	20.7	0.103	1463.5
220.0	2.33	2.32	34.96	27.91	19.9	0.105	1463.3
230.0	2.22	2.20	34.95	27.91	19.5	0.107	1462.9
240.0	2.27	2.25	34.96	27.92	18.9	0.109	1463.4
250.0	2.12	2.11	34.95	27.92	18.9	0.111	1462.9
260.0	2.11	2.10	34.96	27.93	17.8	0.113	1463.0
270.0	2.14	2.13	34.97	27.93	18.0	0.115	1463.3
280.0	2.08	2.06	34.95	27.93	18.3	0.117	1463.2
290.0	1.90	1.88	34.93	27.93	18.5	0.119	1462.5
300.0	1.77	1.76	34.93	27.93	17.8	0.121	1462.1

DEPTH TEMP SALIN

MIZEX-83 STATION 98(1) CTD 21/JUL/1983 1441 GMT CODE = 1
LAT = 78.9417N LNG = 1.3967W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.92	-0.92	31.69	25.47	250.0	0.000	1440.4
2.0	-0.92	-0.92	31.69	25.47	249.9	0.005	1440.5
5.0	-0.59	-0.59	31.77	25.52	245.1	0.013	1442.1
10.0	-0.36	-0.36	32.14	25.81	217.7	0.024	1443.8
15.0	1.66	1.66	33.71	26.97	108.1	0.033	1455.3
20.0	2.90	2.90	34.25	27.29	77.2	0.037	1461.5
25.0	3.08	3.08	34.52	27.49	58.5	0.041	1462.7
30.0	2.16	2.15	35.22	28.13	-2.3	0.042	1459.7
35.0	3.33	3.32	34.80	27.70	38.9	0.043	1464.3
40.0	3.54	3.54	34.86	27.72	37.1	0.045	1465.4
45.0	3.42	3.42	34.89	27.76	33.2	0.047	1465.0
50.0	3.44	3.43	34.91	27.77	31.9	0.048	1465.2
55.0	3.32	3.32	34.90	27.77	32.0	0.050	1464.8
60.0	3.18	3.17	34.93	27.81	28.5	0.051	1464.3
65.0	3.06	3.05	34.97	27.85	24.5	0.053	1463.9
70.0	2.49	2.49	34.89	27.85	25.2	0.054	1461.4
75.0	2.54	2.53	34.89	27.84	25.7	0.055	1461.7
80.0	2.53	2.53	34.90	27.85	25.1	0.057	1461.8
85.0	2.51	2.50	34.90	27.85	25.0	0.058	1461.7
90.0	2.52	2.51	34.90	27.85	25.2	0.059	1461.9
95.0	2.41	2.40	34.90	27.85	24.4	0.060	1461.5
100.0	2.45	2.45	34.90	27.86	24.1	0.062	1461.8
110.0	2.51	2.50	34.92	27.87	23.4	0.064	1462.2
120.0	2.47	2.46	34.92	27.87	23.1	0.066	1462.2
130.0	2.32	2.31	34.91	27.87	22.9	0.069	1461.7
140.0	2.27	2.26	34.91	27.88	22.2	0.071	1461.6
150.0	2.39	2.38	34.94	27.89	21.6	0.073	1462.4
160.0	2.39	2.38	34.93	27.88	22.2	0.075	1462.5
170.0	2.26	2.25	34.93	27.90	20.7	0.078	1462.1
180.0	2.25	2.24	34.93	27.89	21.3	0.080	1462.3
190.0	2.16	2.15	34.92	27.90	20.9	0.082	1462.0
200.0	2.12	2.11	34.92	27.89	21.2	0.084	1462.0
210.0	2.09	2.08	34.94	27.92	18.7	0.086	1462.0
220.0	2.00	1.99	34.94	27.92	18.4	0.088	1461.8
230.0	1.91	1.90	34.93	27.9[illegible]	18.2	0.090	1461.6
240.0	1.90	1.89	34.93	27.93	18.2	0.092	1461.7
250.0	1.90	1.88	34.94	27.94	17.4	0.093	1461.9
260.0	1.92	1.90	34.94	27.93	17.6	0.095	1462.1
270.0	1.92	1.91	34.94	27.93	18.0	0.097	1462.3
280.0	1.91	1.89	34.95	27.94	17.4	0.099	1462.4
290.0	1.89	1.87	34.95	27.94	16.9	0.100	1462.5
300.0	1.99	1.97	34.97	27.94	16.8	0.102	1463.1
310.0	1.99	1.98	34.98	27.95	16.1	0.104	1463.3
320.0	1.98	1.96	34.97	27.95	16.5	0.106	1463.4
330.0	1.96	1.94	34.97	27.95	16.5	0.107	1463.5
340.0	1.93	1.91	34.98	27.96	15.7	0.109	1463.5
350.0	1.91	1.89	34.98	27.96	15.3	0.110	1463.6
351.0	1.91	1.89	34.97	27.96	15.9	0.111	1463.6

DEPTH TEMP SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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200
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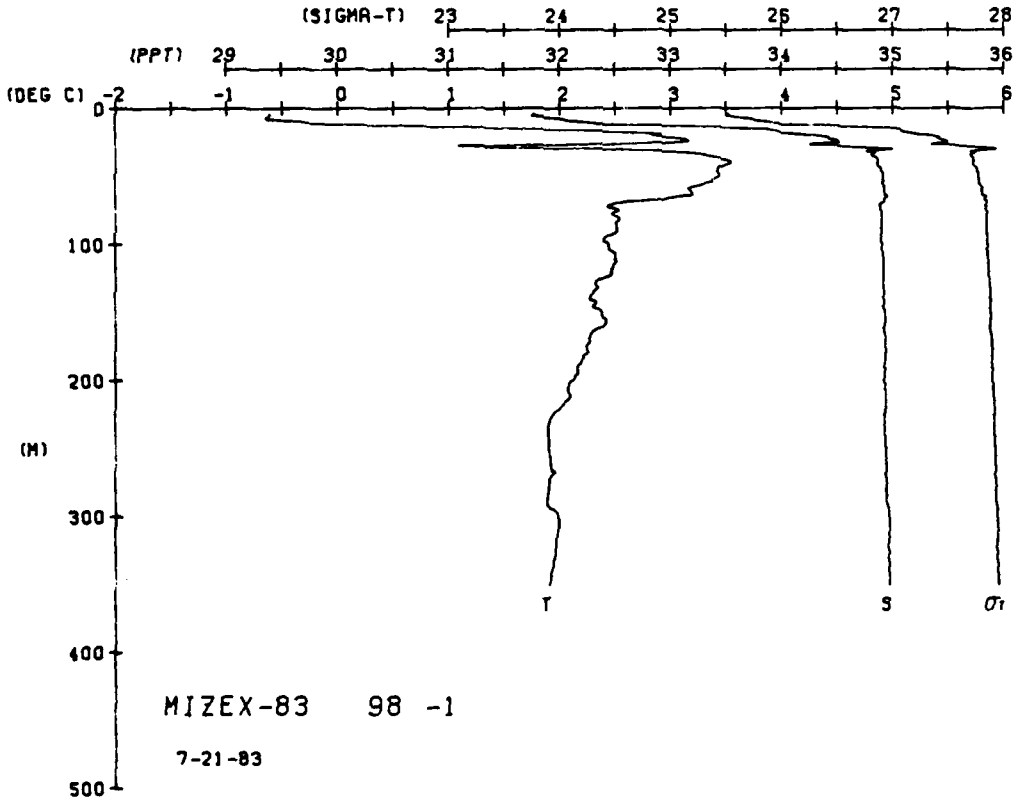
MIZEX-83 97 -1
7-21-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 98 -1
7-21-83

MIZEX-83 STATION 99(1) CTD 21/JUL/1983 1529 GMT CODE = 1
LAT = 78.9133N LNG = 0.9833W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

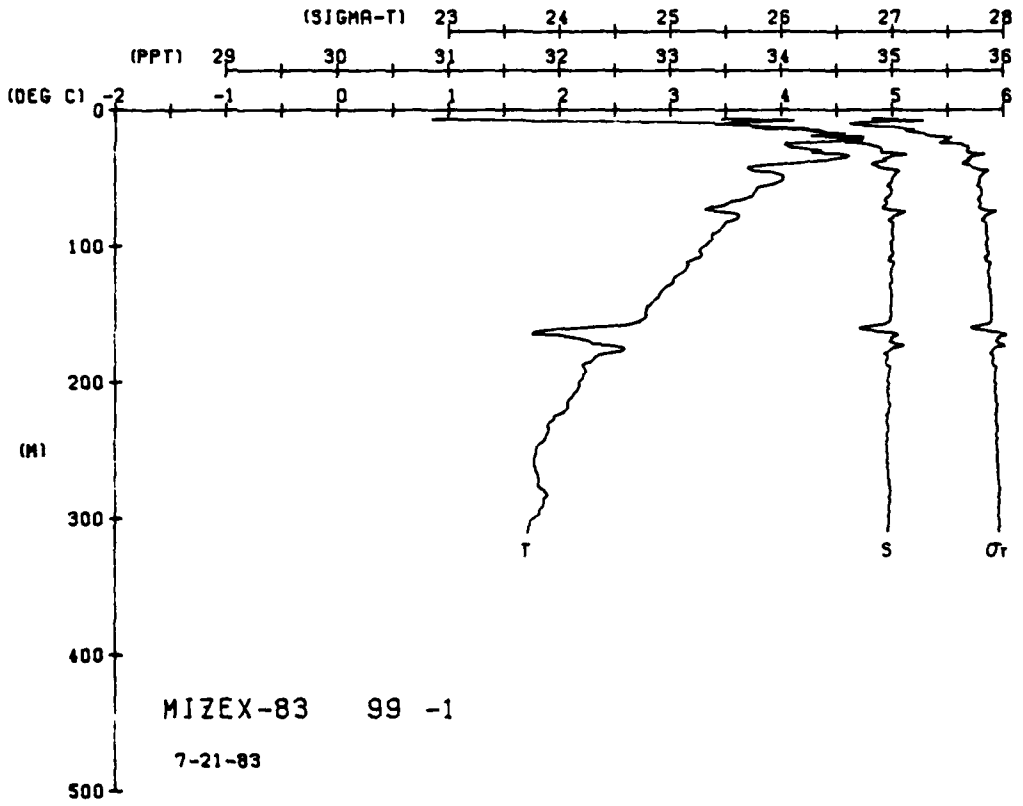
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.86	0.86	33.47	26.83	121.3	0.000	1451.1
5.0	0.86	0.86	33.47	26.83	121.3	0.006	1451.2
6.9	0.86	0.86	33.47	26.83	121.3	0.008	1451.2
10.0	3.32	3.32	33.45	26.62	141.1	0.013	1462.1
15.0	4.24	4.24	34.23	27.15	90.6	0.018	1467.1
20.0	4.32	4.31	34.71	27.53	55.2	0.022	1468.1
25.0	4.05	4.05	34.74	27.58	50.4	0.025	1467.1
30.0	4.31	4.30	34.99	27.74	34.5	0.027	1468.6
35.0	4.60	4.59	34.99	27.71	37.8	0.029	1469.9
40.0	4.06	4.06	34.79	27.61	47.0	0.031	1467.5
45.0	3.73	3.74	35.03	27.84	25.9	0.033	1466.6
50.0	4.02	4.02	35.00	27.79	30.7	0.034	1467.8
55.0	3.93	3.93	34.96	27.77	32.8	0.036	1467.4
60.0	3.76	3.76	34.99	27.81	29.0	0.037	1466.8
65.0	3.69	3.69	34.95	27.78	31.7	0.039	1466.6
70.0	3.48	3.48	34.94	27.79	30.3	0.040	1465.7
75.0	3.45	3.45	35.11	27.93	17.2	0.042	1465.9
80.0	3.60	3.60	35.00	27.83	26.9	0.043	1466.5
85.0	3.48	3.47	35.00	27.84	26.0	0.044	1466.0
90.0	3.41	3.41	35.00	27.85	25.3	0.045	1465.9
95.0	3.37	3.36	35.01	27.86	24.5	0.047	1465.8
100.0	3.32	3.31	34.99	27.85	25.5	0.048	1465.6
110.0	3.22	3.21	34.99	27.85	24.8	0.050	1465.3
120.0	3.10	3.10	34.99	27.86	23.9	0.053	1465.0
130.0	2.97	2.96	34.98	27.87	23.1	0.055	1464.6
140.0	2.85	2.84	34.98	27.88	22.2	0.058	1464.3
150.0	2.78	2.77	35.00	27.90	20.4	0.060	1464.1
160.0	2.29	2.28	34.69	27.70	39.3	0.063	1461.7
170.0	2.25	2.24	34.99	27.94	16.4	0.066	1462.2
180.0	2.36	2.35	34.96	27.91	19.7	0.067	1462.8
190.0	2.22	2.21	34.98	27.93	17.3	0.069	1462.3
200.0	2.18	2.17	34.95	27.92	18.8	0.071	1462.3
210.0	2.11	2.10	34.97	27.94	17.2	0.073	1462.2
220.0	2.06	2.05	34.96	27.93	17.6	0.075	1462.1
230.0	1.90	1.89	34.95	27.94	17.1	0.076	1461.6
240.0	1.88	1.86	34.95	27.94	16.6	0.078	1461.6
250.0	1.79	1.78	34.95	27.95	16.1	0.080	1461.4
260.0	1.77	1.75	34.96	27.96	15.3	0.081	1461.5
270.0	1.81	1.79	34.96	27.96	15.5	0.083	1461.8
280.0	1.87	1.85	34.99	27.97	14.0	0.084	1462.3
290.0	1.85	1.84	34.97	27.96	15.4	0.086	1462.4
300.0	1.75	1.73	34.97	27.97	14.6	0.087	1462.1
309.9	1.71	1.70	34.97	27.97	14.6	0.089	1462.1

DEPTH TEMP. SALIN

MIZEX-83 STATION 100(1) CTD 22/JUL/1983 747 GMT CODE = 1
LAT = 79.2483N LNG = 0.5233W LTER = 300 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.34	-0.34	31.47	25.27	269.0	0.000	1442.8
2.5	-0.34	-0.34	31.47	25.27	269.0	0.007	1442.9
5.0	-0.44	-0.44	31.51	25.31	265.2	0.014	1442.5
10.0	-0.69	-0.69	31.74	25.50	247.0	0.027	1441.7
15.0	-1.01	-1.02	32.28	25.95	204.5	0.038	1441.0
20.0	-1.54	-1.54	33.46	26.93	111.7	0.046	1440.3
25.0	-1.57	-1.57	33.74	27.15	90.3	0.051	1440.7
30.0	-1.61	-1.61	33.88	27.26	79.8	0.055	1440.7
35.0	-1.62	-1.62	33.96	27.33	73.0	0.059	1440.9
40.0	-1.61	-1.61	34.02	27.38	68.9	0.063	1441.1
45.0	-1.64	-1.64	34.07	27.42	64.7	0.066	1441.1
50.0	-1.63	-1.64	34.11	27.46	61.2	0.069	1441.3
55.0	-1.63	-1.63	34.14	27.48	58.9	0.072	1441.4
60.0	-1.60	-1.60	34.16	27.50	57.4	0.075	1441.7
65.0	-1.57	-1.57	34.18	27.50	56.6	0.078	1441.9
70.0	-1.48	-1.48	34.23	27.54	52.8	0.081	1442.5
75.0	-1.30	-1.30	34.26	27.56	51.2	0.084	1443.5
80.0	-1.11	-1.11	34.28	27.58	49.9	0.086	1444.5
85.0	-0.94	-0.94	34.33	27.61	46.6	0.089	1445.4
90.0	-0.79	-0.80	34.36	27.62	45.4	0.091	1446.2
95.0	-0.59	-0.59	34.37	27.63	45.0	0.093	1447.3
100.0	-0.38	-0.38	34.43	27.66	41.9	0.095	1448.4
110.0	0.37	0.37	34.58	27.74	34.2	0.099	1452.2
120.0	0.62	0.62	34.62	27.76	32.7	0.103	1453.6
130.0	1.04	1.04	34.72	27.82	27.7	0.106	1455.8
140.0	1.29	1.28	34.73	27.81	28.4	0.109	1457.1
150.0	1.55	1.55	34.79	27.83	26.4	0.111	1458.5
160.0	1.73	1.72	34.80	27.83	26.6	0.114	1459.4
170.0	1.96	1.96	34.85	27.86	24.5	0.117	1460.7
180.0	2.17	2.16	34.88	27.86	24.3	0.119	1461.8
190.0	2.42	2.40	34.93	27.88	22.6	0.121	1463.1
200.0	2.44	2.43	34.90	27.85	25.2	0.124	1463.4
210.0	2.08	2.07	34.89	27.87	23.2	0.126	1461.9
220.0	2.48	2.47	34.95	27.89	21.7	0.129	1463.9
230.0	2.42	2.41	34.92	27.87	23.6	0.131	1463.8
240.0	2.29	2.28	34.92	27.89	22.3	0.133	1463.4
250.0	2.03	2.02	34.91	27.90	21.2	0.135	1462.4
260.0	1.93	1.94	34.90	27.89	21.4	0.137	1462.2
270.0	2.03	2.01	34.93	27.91	19.5	0.140	1462.7
280.0	1.94	1.93	34.91	27.91	20.2	0.142	1462.5
290.0	1.86	1.84	34.92	27.92	19.4	0.144	1462.3
300.0	1.90	1.88	34.93	27.92	18.9	0.145	1462.7
306.4	1.89	1.87	34.92	27.92	19.3	0.147	1462.7

DEPTH TEMP. SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
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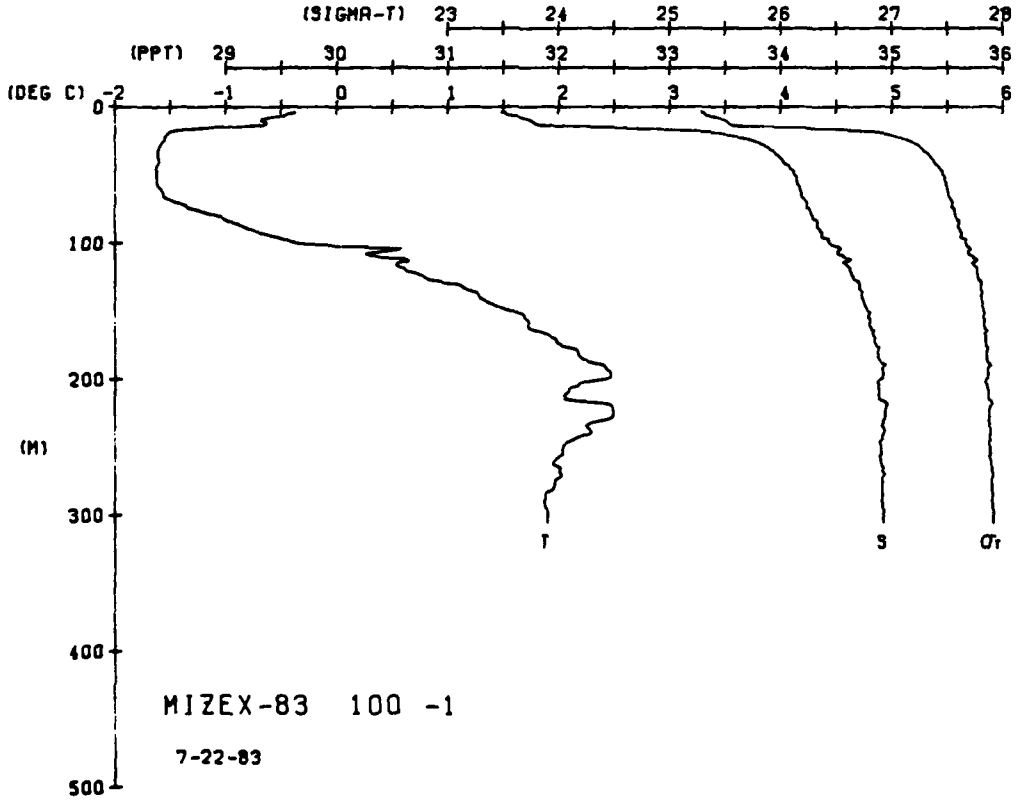
MIZEX-83 99 -1
7-21-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
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MIZEX-83 100 -1
7-22-83

MIZEX-83 STATION 101(1) CTD 22/JUL/1983 823 GMT CODE = 1
LAT = 79.1617N LNG = 0.8600W LTER = 300 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

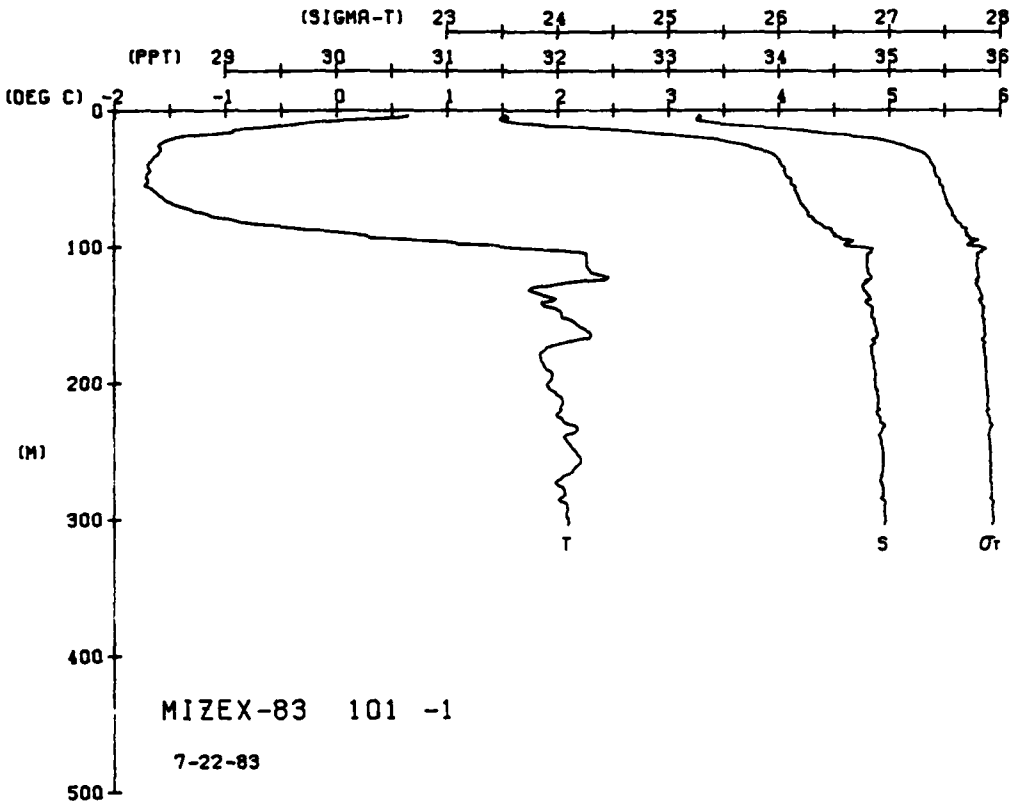
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.56	0.56	31.50	25.25	270.6	0.000	1447.0
1.9	0.56	0.56	31.50	25.25	270.5	0.005	1447.0
5.0	0.64	0.64	31.52	25.27	269.3	0.014	1447.5
10.0	-0.34	-0.34	31.71	25.46	250.7	0.027	1443.3
15.0	-0.93	-0.93	32.55	26.16	184.2	0.038	1441.8
20.0	-1.43	-1.44	33.24	26.74	129.6	0.046	1440.5
25.0	-1.60	-1.60	33.65	27.07	97.5	0.052	1440.4
30.0	-1.58	-1.59	33.86	27.25	80.9	0.056	1440.8
35.0	-1.65	-1.65	33.99	27.36	70.6	0.060	1440.8
40.0	-1.69	-1.69	34.03	27.39	67.6	0.063	1440.7
45.0	-1.67	-1.67	34.05	27.40	66.3	0.067	1440.9
50.0	-1.71	-1.71	34.12	27.46	60.9	0.070	1440.9
55.0	-1.72	-1.72	34.13	27.47	59.4	0.073	1441.0
60.0	-1.62	-1.63	34.16	27.50	57.4	0.076	1441.6
65.0	-1.55	-1.55	34.18	27.51	56.2	0.079	1442.0
70.0	-1.43	-1.43	34.22	27.53	54.0	0.082	1442.7
75.0	-1.23	-1.23	34.27	27.57	50.5	0.084	1443.8
80.0	-0.98	-0.98	34.32	27.60	47.5	0.087	1445.2
85.0	-0.57	-0.58	34.41	27.66	42.3	0.089	1447.2
90.0	0.06	0.06	34.49	27.69	39.2	0.091	1450.4
95.0	0.56	0.55	34.59	27.75	34.1	0.093	1452.8
100.0	1.40	1.40	34.62	27.71	37.9	0.095	1456.8
110.0	2.27	2.26	34.80	27.79	30.3	0.098	1461.0
120.0	2.33	2.32	34.83	27.80	29.2	0.101	1461.5
130.0	1.82	1.81	34.77	27.80	29.6	0.104	1459.3
140.0	1.95	1.95	34.79	27.80	29.3	0.107	1460.1
150.0	2.04	2.03	34.85	27.85	25.2	0.110	1460.7
160.0	2.23	2.22	34.89	27.86	24.0	0.112	1461.8
170.0	2.10	2.09	34.87	27.86	24.4	0.115	1461.3
180.0	1.84	1.83	34.85	27.87	23.7	0.117	1460.3
190.0	1.90	1.89	34.86	27.87	23.1	0.120	1460.8
200.0	1.91	1.90	34.87	27.88	22.7	0.122	1461.0
210.0	2.02	2.01	34.91	27.90	21.0	0.124	1461.7
220.0	2.04	2.03	34.92	27.90	20.4	0.126	1462.0
230.0	2.07	2.06	34.93	27.91	20.1	0.128	1462.3
240.0	2.06	2.05	34.93	27.91	20.1	0.130	1462.4
250.0	2.16	2.15	34.95	27.92	19.3	0.132	1463.0
260.0	2.20	2.19	34.95	27.91	19.7	0.134	1463.4
270.0	2.04	2.02	34.94	27.92	19.2	0.136	1462.8
280.0	2.07	2.06	34.95	27.93	18.6	0.138	1463.1
290.0	2.09	2.08	34.96	27.93	18.1	0.140	1463.4
300.0	2.11	2.09	34.97	27.94	17.6	0.142	1463.6

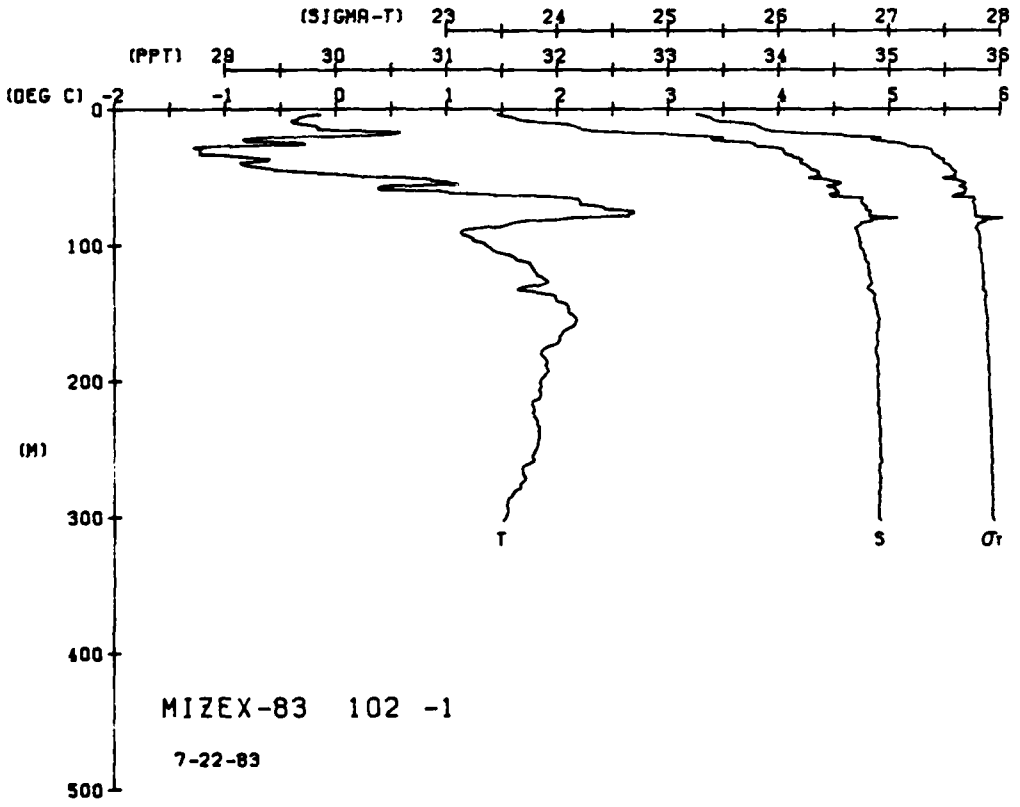
DEPTH TEMP. SALIN

MIZEX-83 STATION 102(1) CTD 22/JUL/1983 856 GMT CODE = 1
LAT = 79.0717N LNG = 1.0550W LTER = 300 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.06	0.06	31.36	25.16	279.2	0.000	1444.5
1.9	0.06	0.06	31.36	25.16	279.1	0.006	1444.6
5.0	-0.23	-0.23	31.49	25.28	267.7	0.014	1443.4
10.0	-0.39	-0.39	31.88	25.60	237.5	0.027	1443.3
15.0	-0.18	-0.18	32.23	25.87	211.5	0.038	1444.9
20.0	0.16	0.16	33.21	26.65	138.0	0.047	1447.9
25.0	-0.30	-0.31	33.73	27.09	96.0	0.053	1446.5
30.0	-1.22	-1.22	34.04	27.38	68.6	0.057	1442.8
35.0	-0.91	-0.91	34.13	27.44	62.8	0.060	1444.5
40.0	-0.84	-0.85	34.20	27.50	57.3	0.063	1444.9
45.0	-0.54	-0.54	34.31	27.57	50.3	0.066	1446.6
50.0	0.20	0.20	34.39	27.60	47.9	0.069	1450.2
55.0	1.13	1.12	34.55	27.67	41.2	0.071	1454.7
60.0	0.79	0.79	34.48	27.64	43.9	0.073	1453.2
65.0	2.07	2.07	34.78	27.79	30.6	0.075	1459.3
70.0	2.20	2.20	34.75	27.75	33.9	0.076	1459.9
75.0	2.68	2.67	34.83	27.78	31.4	0.078	1462.2
80.0	2.16	2.16	35.08	28.02	8.7	0.079	1460.4
85.0	1.55	1.54	34.74	27.79	29.8	0.080	1457.3
90.0	1.13	1.13	34.71	27.80	29.0	0.082	1455.5
95.0	1.23	1.22	34.73	27.81	27.9	0.083	1456.0
100.0	1.36	1.35	34.74	27.81	28.2	0.084	1456.7
110.0	1.63	1.62	34.78	27.83	26.8	0.087	1458.1
120.0	1.81	1.80	34.82	27.84	25.6	0.090	1459.1
130.0	1.76	1.75	34.82	27.85	25.2	0.092	1459.1
140.0	1.99	1.98	34.86	27.86	23.7	0.095	1460.4
150.0	2.10	2.09	34.89	27.87	22.8	0.097	1461.0
160.0	2.13	2.12	34.90	27.88	22.0	0.100	1461.3
170.0	2.02	2.01	34.90	27.89	21.6	0.102	1461.0
180.0	1.85	1.84	34.89	27.89	21.1	0.104	1460.4
190.0	1.90	1.89	34.89	27.89	21.2	0.106	1460.8
200.0	1.84	1.83	34.89	27.90	20.4	0.108	1460.7
210.0	1.84	1.83	34.91	27.91	19.5	0.110	1460.9
220.0	1.79	1.78	34.91	27.92	18.7	0.112	1460.9
230.0	1.82	1.81	34.92	27.92	18.6	0.114	1461.2
240.0	1.84	1.82	34.93	27.93	18.2	0.116	1461.4
250.0	1.80	1.79	34.93	27.93	18.0	0.118	1461.4
260.0	1.78	1.76	34.93	27.93	17.7	0.120	1461.5
270.0	1.71	1.69	34.93	27.94	17.4	0.121	1461.3
280.0	1.62	1.60	34.91	27.93	18.0	0.123	1461.1
290.0	1.55	1.53	34.91	27.93	17.4	0.125	1460.9
300.0	1.53	1.52	34.92	27.94	16.6	0.127	1461.0

DEPTH TEMP. SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σ_T
MIZEX-83 101 -1
7-22-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σ_T
MIZEX-83 102 -1
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MIZEX-83 STATION 103(1) CTD 22/JUL/1983 929 GMT CODE = 1
LAT = 78.9750N LNG = 1.3533W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

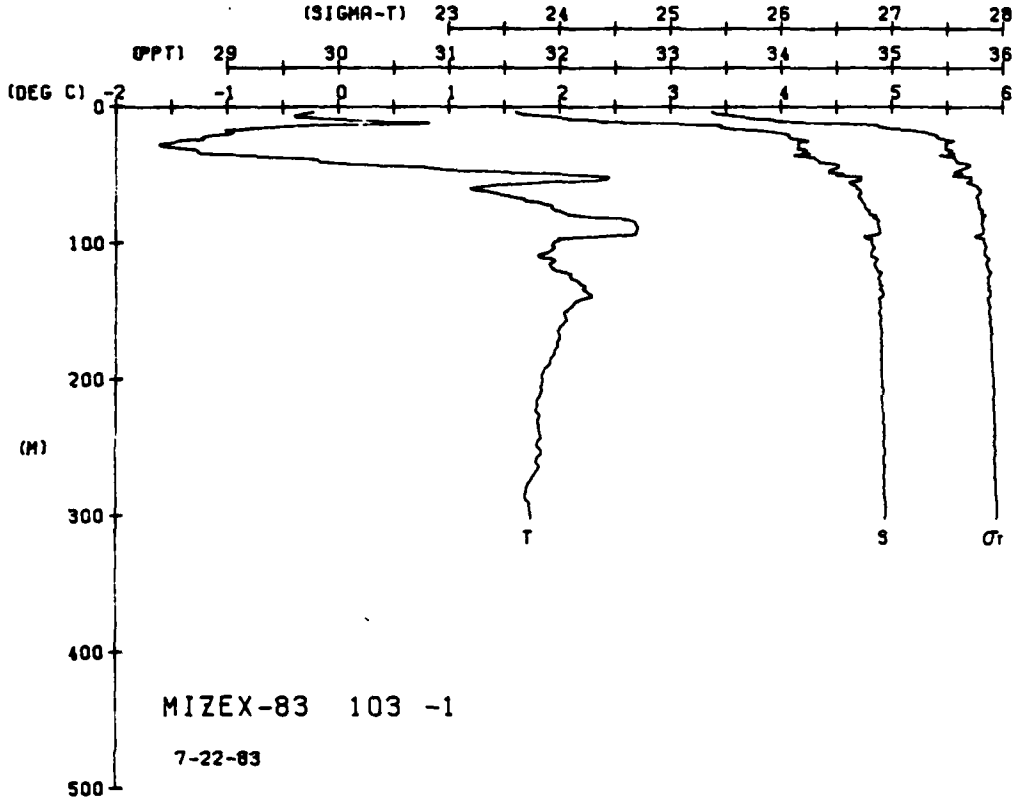
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.16	-0.16	31.55	25.33	263.8	0.000	1443.8
1.9	-0.16	-0.16	31.55	25.33	263.8	0.005	1443.8
5.0	-0.29	-0.29	31.62	25.39	257.4	0.013	1443.3
10.0	0.07	0.07	32.25	25.89	210.5	0.025	1445.9
15.0	-0.66	-0.66	33.45	26.88	115.9	0.033	1444.3
20.0	-0.98	-0.98	34.00	27.34	72.1	0.038	1443.7
25.0	-1.44	-1.44	34.25	27.56	51.6	0.041	1442.0
30.0	-1.52	-1.52	34.14	27.48	59.4	0.044	1441.5
35.0	-1.13	-1.13	34.22	27.53	54.4	0.047	1443.6
40.0	-0.18	-0.18	34.35	27.59	48.4	0.050	1448.2
45.0	0.80	0.80	34.48	27.64	44.5	0.052	1452.9
50.0	2.08	2.07	34.45	27.52	55.3	0.054	1458.7
55.0	2.21	2.21	34.71	27.72	37.0	0.057	1459.7
60.0	1.19	1.19	34.68	27.78	31.2	0.058	1455.2
65.0	1.49	1.49	34.70	27.77	31.7	0.060	1456.7
70.0	1.76	1.76	34.74	27.78	30.9	0.062	1458.0
75.0	1.94	1.94	34.76	27.78	31.1	0.063	1458.9
80.0	2.16	2.16	34.86	27.85	24.9	0.065	1460.1
85.0	2.69	2.68	34.87	27.81	28.8	0.066	1462.5
90.0	2.70	2.69	34.89	27.83	27.0	0.067	1462.6
95.0	2.33	2.32	34.76	27.75	34.2	0.069	1460.9
100.0	1.93	1.92	34.82	27.84	26.1	0.070	1459.4
110.0	1.79	1.79	34.82	27.84	25.3	0.073	1458.9
120.0	1.95	1.95	34.86	27.86	23.6	0.075	1459.8
130.0	2.18	2.17	34.89	27.87	23.5	0.078	1461.0
140.0	2.25	2.24	34.88	27.86	24.4	0.080	1461.5
150.0	2.05	2.04	34.88	27.87	22.8	0.083	1460.8
160.0	2.02	2.01	34.90	27.89	21.4	0.085	1460.8
170.0	2.00	1.99	34.91	27.90	20.6	0.087	1460.9
180.0	1.95	1.94	34.90	27.90	20.5	0.089	1460.9
190.0	1.89	1.88	34.91	27.91	20.0	0.091	1460.8
200.0	1.84	1.82	34.91	27.91	19.5	0.093	1460.7
210.0	1.83	1.82	34.91	27.92	19.0	0.095	1460.9
220.0	1.79	1.78	34.91	27.92	19.0	0.097	1460.9
230.0	1.80	1.79	34.92	27.92	18.7	0.099	1461.1
240.0	1.82	1.81	34.93	27.93	18.2	0.101	1461.3
250.0	1.81	1.80	34.94	27.93	17.4	0.103	1461.5
260.0	1.79	1.78	34.93	27.93	17.5	0.104	1461.6
270.0	1.77	1.75	34.92	27.93	18.0	0.106	1461.6
280.0	1.69	1.68	34.93	27.94	17.2	0.108	1461.4
290.0	1.72	1.71	34.95	27.95	16.0	0.110	1461.8
300.0	1.74	1.72	34.94	27.95	16.5	0.111	1462.0
302.4	1.74	1.72	34.94	27.94	16.8	0.112	1462.0

DEPTH TEMP SALIN

MIZEX-83 STATION 104(1) CTD 22/JUL/1983 1000 GMT CODE = 1
LAT = 78.8783N LNG = 1.4850W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	5.34	5.34	34.84	27.51	56.6	0.000	1472.2
1.9	5.34	5.34	34.84	27.51	56.6	0.001	1472.2
5.0	5.33	5.33	34.91	27.57	50.9	0.003	1472.3
10.0	4.07	4.07	34.83	27.64	43.9	0.005	1467.1
15.0	4.31	4.31	34.98	27.74	35.2	0.007	1468.4
20.0	4.39	4.39	35.02	27.76	33.1	0.009	1468.9
25.0	3.65	3.64	34.94	27.78	31.5	0.011	1465.7
30.0	3.86	3.85	34.97	27.78	31.3	0.012	1466.7
35.0	3.92	3.92	35.00	27.80	29.6	0.014	1467.1
40.0	3.92	3.91	35.00	27.80	29.5	0.015	1467.2
45.0	3.86	3.85	35.02	27.81	28.1	0.017	1467.0
50.0	3.77	3.77	35.01	27.82	27.6	0.018	1466.8
55.0	3.76	3.76	35.02	27.83	27.1	0.019	1466.8
60.0	3.61	3.61	35.00	27.83	27.1	0.021	1466.2
65.0	3.50	3.49	34.98	27.82	27.3	0.022	1465.8
70.0	3.42	3.42	35.01	27.85	24.6	0.023	1465.6
75.0	3.40	3.40	35.01	27.85	24.7	0.025	1465.6
80.0	3.24	3.24	35.00	27.86	23.7	0.026	1465.0
85.0	3.19	3.18	35.00	27.86	23.6	0.027	1464.8
90.0	3.17	3.17	35.01	27.87	22.7	0.028	1464.9
95.0	3.15	3.15	35.00	27.87	22.9	0.029	1464.8
100.0	3.20	3.20	35.02	27.89	21.7	0.031	1465.2
110.0	3.15	3.15	35.02	27.89	21.5	0.033	1465.1
120.0	3.05	3.05	35.02	27.90	20.8	0.035	1464.8
130.0	2.88	2.87	35.00	27.90	20.5	0.037	1464.3
140.0	2.83	2.82	35.01	27.91	19.6	0.039	1464.2
150.0	2.76	2.75	35.02	27.92	18.9	0.041	1464.1
160.0	2.73	2.72	35.01	27.92	18.6	0.043	1464.1
170.0	2.64	2.63	35.01	27.93	18.2	0.045	1463.9
180.0	2.52	2.51	35.01	27.93	17.4	0.046	1463.5
190.0	2.46	2.45	35.01	27.94	16.7	0.048	1463.4
200.0	2.42	2.41	35.01	27.95	16.2	0.050	1463.4
210.0	2.33	2.32	35.00	27.94	16.6	0.052	1463.2
220.0	2.28	2.27	35.01	27.95	15.6	0.053	1463.1
230.0	2.20	2.19	35.01	27.96	14.8	0.055	1463.0
240.0	2.18	2.17	35.00	27.96	15.1	0.056	1463.0
250.0	2.15	2.13	35.00	27.96	14.9	0.058	1463.0
260.0	2.13	2.12	35.01	27.97	14.2	0.059	1463.2
270.0	2.09	2.07	35.01	27.97	14.2	0.061	1463.1
280.0	2.02	2.00	35.00	27.97	14.1	0.062	1463.0
287.3	2.00	1.98	34.99	27.97	14.7	0.063	1463.0

DEPTH TEMP SALIN



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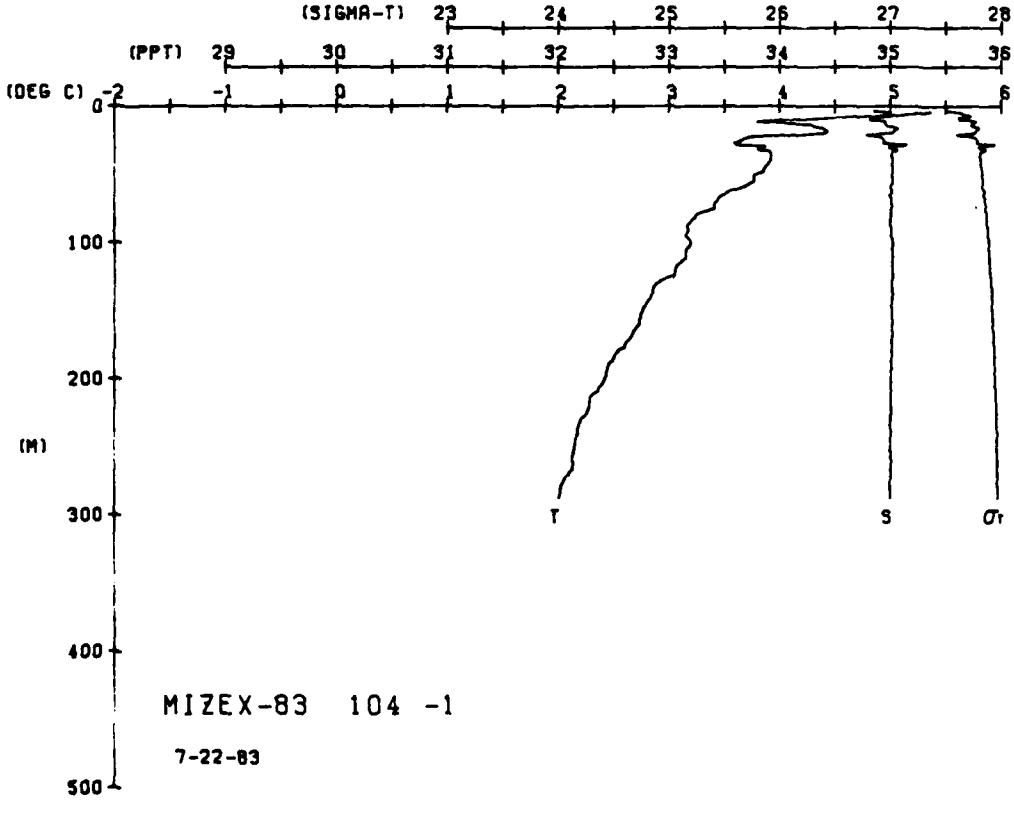

MIZEX-83 104 -1

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MIZEX-83 STATION 105(1) CTD 22/JUL/1983 1032 GMT CODE = 1
LAT = 78 7850N LNG = 1 7617W LTER = 300 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

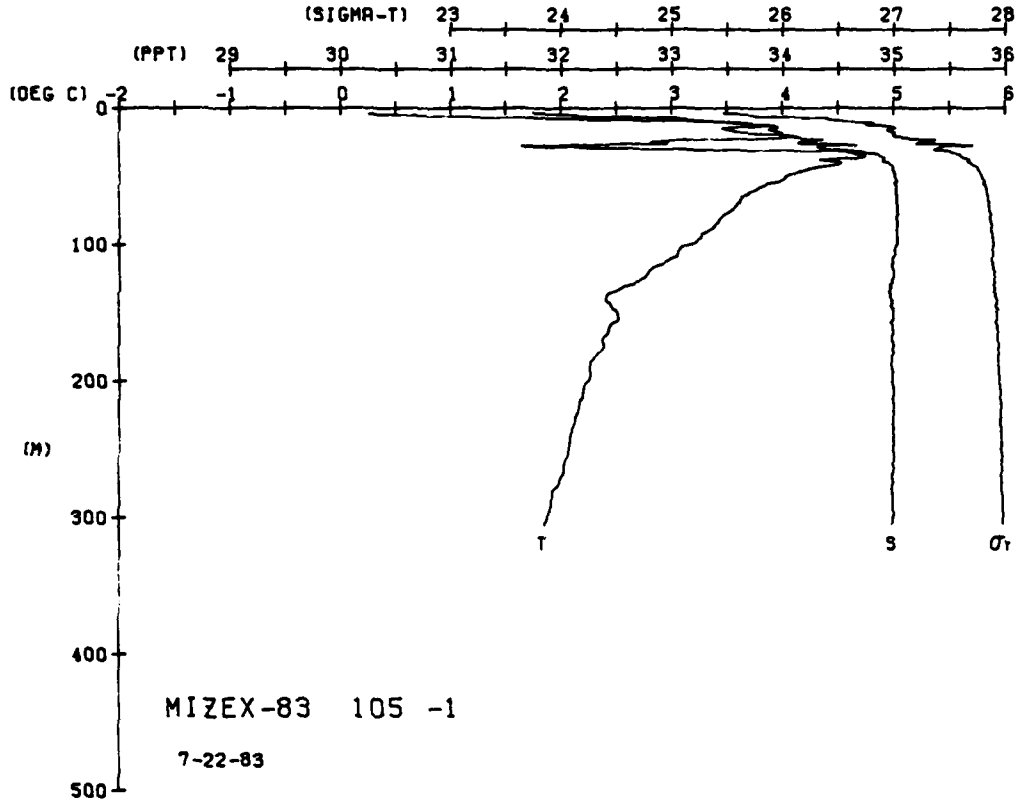
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.22	-0.22	31.40	25.21	274.7	0.000	1443.3
1.9	-0.22	-0.22	31.40	25.21	274.7	0.005	1443.3
5.0	0.47	0.47	31.93	25.61	236.8	0.013	1447.3
10.0	3.19	3.19	33.30	26.52	150.8	0.023	1461.3
15.0	3.45	3.45	33.97	27.02	102.8	0.030	1463.4
20.0	3.95	3.95	33.98	26.98	106.6	0.035	1465.6
25.0	2.81	2.81	34.16	27.24	82.6	0.040	1461.1
30.0	2.72	2.72	34.16	27.24	82.2	0.044	1460.8
35.0	4.71	4.71	34.86	27.60	48.4	0.047	1470.2
40.0	4.47	4.47	34.90	27.66	42.7	0.049	1469.4
45.0	4.23	4.22	34.98	27.75	34.2	0.051	1468.5
50.0	4.05	4.05	35.00	27.78	31.2	0.053	1467.9
55.0	3.91	3.91	35.02	27.81	28.5	0.054	1467.4
60.0	3.76	3.76	35.02	27.83	27.2	0.056	1466.9
65.0	3.62	3.62	35.03	27.85	24.9	0.057	1466.4
70.0	3.61	3.60	35.03	27.85	24.8	0.058	1466.4
75.0	3.55	3.54	35.04	27.86	23.8	0.060	1466.2
80.0	3.45	3.45	35.03	27.86	23.7	0.061	1465.9
85.0	3.40	3.40	35.03	27.87	23.2	0.062	1465.8
90.0	3.34	3.33	35.02	27.87	23.3	0.063	1465.6
95.0	3.26	3.26	35.02	27.88	22.3	0.064	1465.3
100.0	3.17	3.16	35.03	27.89	21.1	0.065	1465.0
110.0	3.03	3.03	34.99	27.88	22.6	0.068	1464.6
120.0	2.79	2.78	35.00	27.90	20.2	0.070	1463.7
130.0	2.62	2.62	34.97	27.89	20.9	0.072	1463.1
140.0	2.40	2.40	34.97	27.91	19.1	0.074	1462.3
150.0	2.52	2.51	35.00	27.93	17.9	0.076	1463.0
160.0	2.45	2.44	34.99	27.93	17.9	0.078	1462.8
170.0	2.37	2.36	34.98	27.93	18.0	0.079	1462.7
180.0	2.34	2.33	34.98	27.93	17.7	0.081	1462.7
190.0	2.26	2.25	34.99	27.94	16.8	0.083	1462.5
200.0	2.24	2.23	34.99	27.95	16.4	0.085	1462.6
210.0	2.19	2.18	35.00	27.95	15.6	0.086	1462.6
220.0	2.16	2.15	35.00	27.96	15.4	0.088	1462.6
230.0	2.13	2.11	34.99	27.96	15.6	0.089	1462.6
240.0	2.08	2.07	35.00	27.96	14.9	0.091	1462.6
250.0	2.06	2.05	34.99	27.96	15.1	0.092	1462.7
260.0	2.04	2.02	35.00	27.97	14.7	0.094	1462.7
270.0	2.01	1.99	34.99	27.96	15.3	0.096	1462.7
280.0	1.93	1.91	34.98	27.96	15.3	0.097	1462.6
290.0	1.91	1.89	34.99	27.97	14.6	0.099	1462.6
300.0	1.88	1.86	34.99	27.97	14.0	0.100	1462.7

DEPTH TEMP SALIN

MIZEX-83 STATION 106(1) CTD 22/JUL/1983 1104 GMT CODE = 1
LAT = 78 6917N LNG = 1.9350W LTER = 300 LGER = 300
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.18	0.18	31.55	25.32	264.6	0.000	1445.3
1.9	0.18	0.18	31.55	25.32	264.6	0.005	1445.4
5.0	0.73	0.73	31.80	25.49	248.0	0.013	1448.3
10.0	2.20	2.20	32.92	26.29	171.9	0.024	1456.5
15.0	3.21	3.21	33.75	26.87	117.4	0.031	1462.0
20.0	4.65	4.65	34.68	27.46	61.6	0.036	1469.5
25.0	3.99	3.99	34.35	27.31	75.5	0.039	1464.7
30.0	0.75	0.75	34.46	27.63	45.4	0.042	1452.5
35.0	0.76	0.76	34.48	27.64	43.7	0.044	1452.6
40.0	0.92	0.92	34.54	27.68	40.4	0.047	1453.5
45.0	0.81	0.81	34.62	27.75	33.9	0.048	1453.2
50.0	1.75	1.75	34.86	27.88	21.6	0.050	1457.8
55.0	2.65	2.65	35.01	27.92	17.6	0.051	1462.0
60.0	3.02	3.01	34.88	27.79	30.4	0.052	1463.5
65.0	2.76	2.76	34.90	27.83	27.0	0.053	1462.5
70.0	2.64	2.64	34.88	27.82	27.2	0.055	1462.1
75.0	2.66	2.65	34.94	27.87	22.9	0.056	1462.3
80.0	2.65	2.64	34.93	27.86	23.8	0.057	1462.3
85.0	2.11	2.10	34.71	27.73	36.0	0.059	1459.7
90.0	0.74	0.74	34.75	27.86	23.2	0.060	1453.8
95.0	0.93	0.92	34.80	27.89	20.6	0.061	1454.8
100.0	1.11	1.11	34.84	27.91	19.2	0.062	1455.8
110.0	1.73	1.72	34.91	27.92	17.8	0.064	1458.8
120.0	1.28	1.27	34.89	27.94	16.3	0.066	1456.9
130.0	1.42	1.42	34.89	27.93	17.2	0.068	1457.7
140.0	1.67	1.66	34.94	27.95	15.5	0.069	1459.0
150.0	1.49	1.48	34.92	27.95	15.8	0.071	1458.4
160.0	1.61	1.60	34.94	27.96	14.9	0.072	1459.1
170.0	1.68	1.67	34.94	27.95	15.9	0.074	1459.6
180.0	1.84	1.83	34.96	27.95	15.6	0.076	1460.5
190.0	1.86	1.85	34.97	27.96	15.0	0.077	1460.7
200.0	1.80	1.79	34.95	27.95	15.6	0.079	1460.6
210.0	1.65	1.64	34.95	27.96	14.6	0.080	1460.1
220.0	1.73	1.72	34.99	27.98	12.9	0.082	1460.7
230.0	1.78	1.77	34.97	27.97	14.1	0.083	1461.1
240.0	1.71	1.70	34.96	27.97	14.3	0.084	1460.9
250.0	1.67	1.66	34.97	27.97	13.9	0.086	1460.9
260.0	1.58	1.57	34.96	27.97	14.0	0.087	1460.7
270.0	1.51	1.50	34.95	27.97	13.9	0.089	1460.5
280.0	1.47	1.46	34.95	27.98	13.4	0.090	1460.5
290.0	1.38	1.37	34.95	27.98	13.4	0.091	1460.3

DEPTH TEMP SALIN



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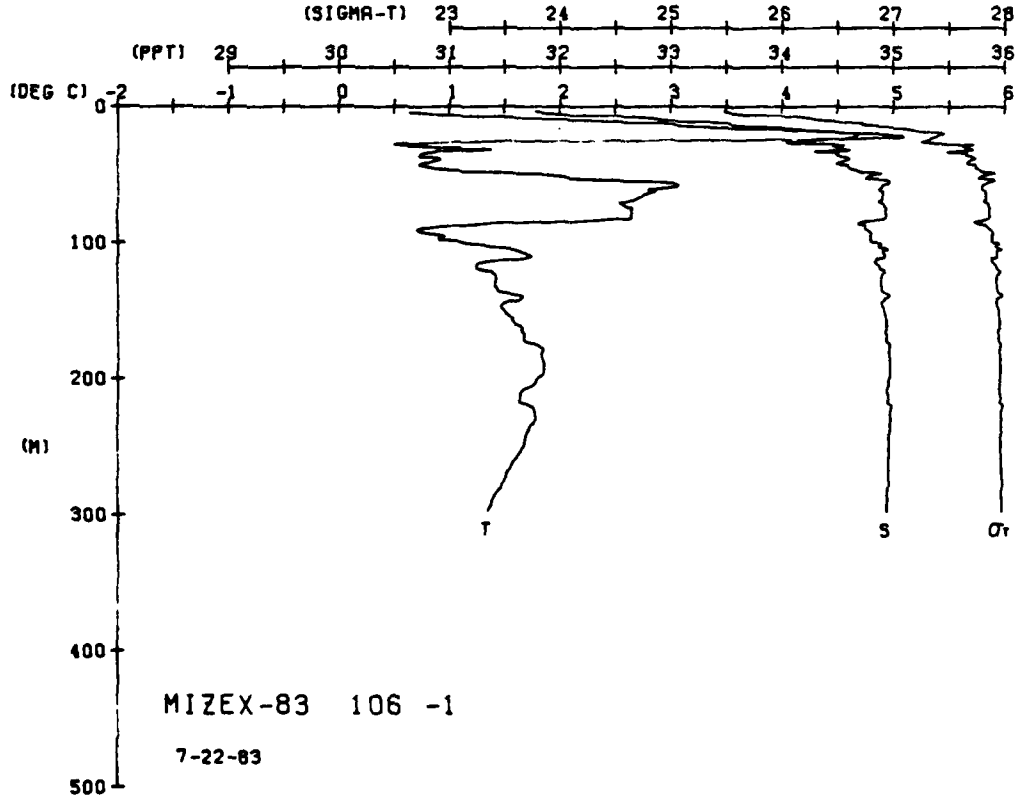

MIZEX-83 106 -1

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MIZEX-83 STATION 107(1) CTD 25/JUL/1983 2001 GMT CODE = 1
LAT = 79.2450N LNG = 0.0300W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

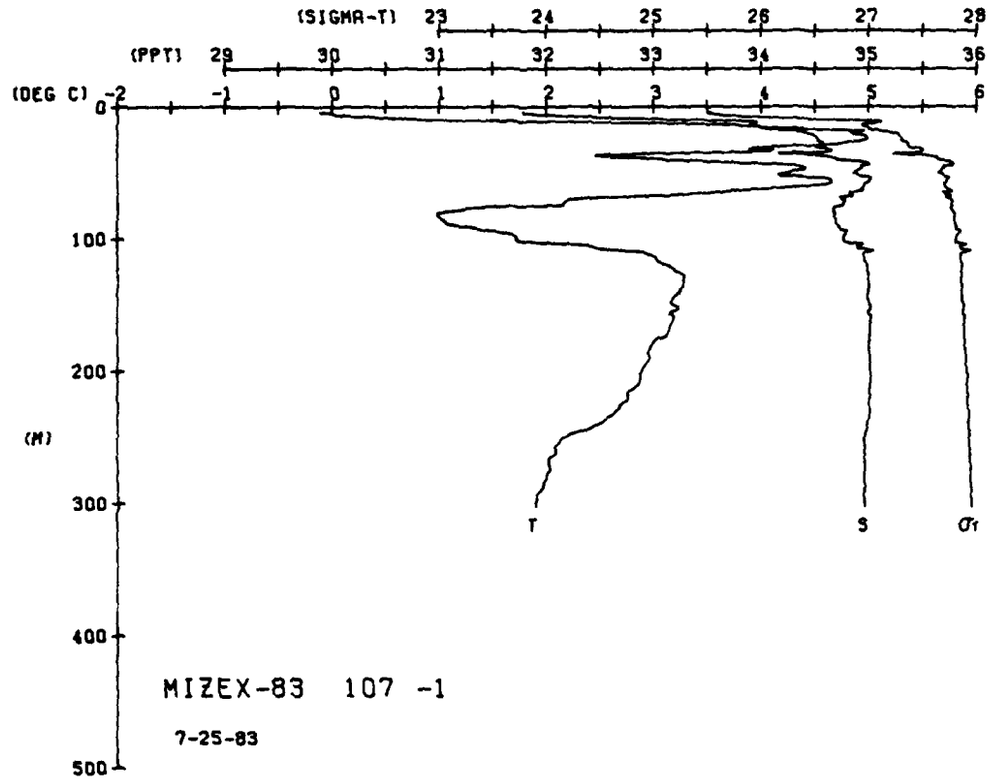
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.28	-0.28	31.36	25.18	277.7	0.000	1442.9
1.9	-0.28	-0.28	31.36	25.18	277.7	0.006	1443.0
5.0	-0.03	-0.03	31.80	25.52	245.2	0.014	1444.8
10.0	0.82	0.82	33.06	26.50	152.4	0.024	1450.5
15.0	3.91	3.91	33.92	26.94	110.8	0.030	1465.3
20.0	4.83	4.83	34.41	27.23	83.6	0.035	1469.9
25.0	4.99	4.99	34.54	27.31	75.6	0.039	1470.8
30.0	4.38	4.37	34.55	27.39	68.6	0.043	1468.3
35.0	3.75	3.75	34.33	27.28	78.8	0.047	1465.5
40.0	3.01	3.01	34.67	27.62	46.5	0.050	1462.9
45.0	4.31	4.31	34.95	27.72	37.5	0.052	1468.8
50.0	4.28	4.27	34.89	27.67	42.1	0.054	1468.7
55.0	4.63	4.62	35.01	27.73	36.5	0.056	1470.4
60.0	4.46	4.46	34.97	27.71	38.3	0.058	1469.7
65.0	3.66	3.66	34.84	27.69	39.6	0.060	1466.3
70.0	2.29	2.29	34.72	27.72	36.5	0.062	1460.3
75.0	2.15	2.15	34.76	27.77	32.4	0.063	1459.8
80.0	1.04	1.03	34.66	27.77	31.8	0.065	1454.9
85.0	1.02	1.02	34.69	27.79	29.7	0.067	1454.9
90.0	1.16	1.15	34.71	27.80	29.3	0.068	1455.6
95.0	1.55	1.54	34.81	27.85	24.5	0.069	1457.6
100.0	1.73	1.73	34.77	27.81	28.8	0.071	1458.4
110.0	2.83	2.82	35.02	27.92	18.4	0.073	1463.7
120.0	3.13	3.12	34.98	27.86	24.5	0.075	1465.1
130.0	3.28	3.27	34.99	27.85	25.3	0.078	1466.0
140.0	3.25	3.24	35.00	27.86	24.6	0.080	1466.0
150.0	3.17	3.16	35.00	27.87	23.4	0.083	1465.8
160.0	3.18	3.17	35.02	27.88	22.6	0.085	1466.0
170.0	3.14	3.13	35.01	27.88	22.6	0.087	1466.0
180.0	2.98	2.97	35.00	27.89	21.8	0.090	1465.5
190.0	2.96	2.95	35.01	27.90	21.4	0.092	1465.6
200.0	2.88	2.87	35.00	27.90	21.1	0.094	1465.4
210.0	2.86	2.85	35.01	27.91	20.3	0.096	1465.5
220.0	2.77	2.75	35.01	27.92	19.6	0.098	1465.3
230.0	2.65	2.63	35.00	27.92	19.1	0.100	1464.9
240.0	2.50	2.48	34.99	27.92	19.3	0.102	1464.4
250.0	2.17	2.16	34.95	27.92	19.3	0.104	1463.1
260.0	2.08	2.06	34.95	27.93	18.2	0.106	1462.8
270.0	2.02	2.00	34.96	27.94	17.5	0.108	1462.7
280.0	2.00	1.98	34.96	27.94	17.5	0.109	1462.8
290.0	1.95	1.93	34.94	27.93	18.1	0.111	1462.8
300.0	1.89	1.88	34.95	27.94	17.2	0.113	1462.7

DEPTH TEMP. SALIN

MIZEX-83 STATION 108(1) CTD 25/JUL/1983 2041 GMT CODE = 1
LAT = 79.2400N LNG = 0.4933W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

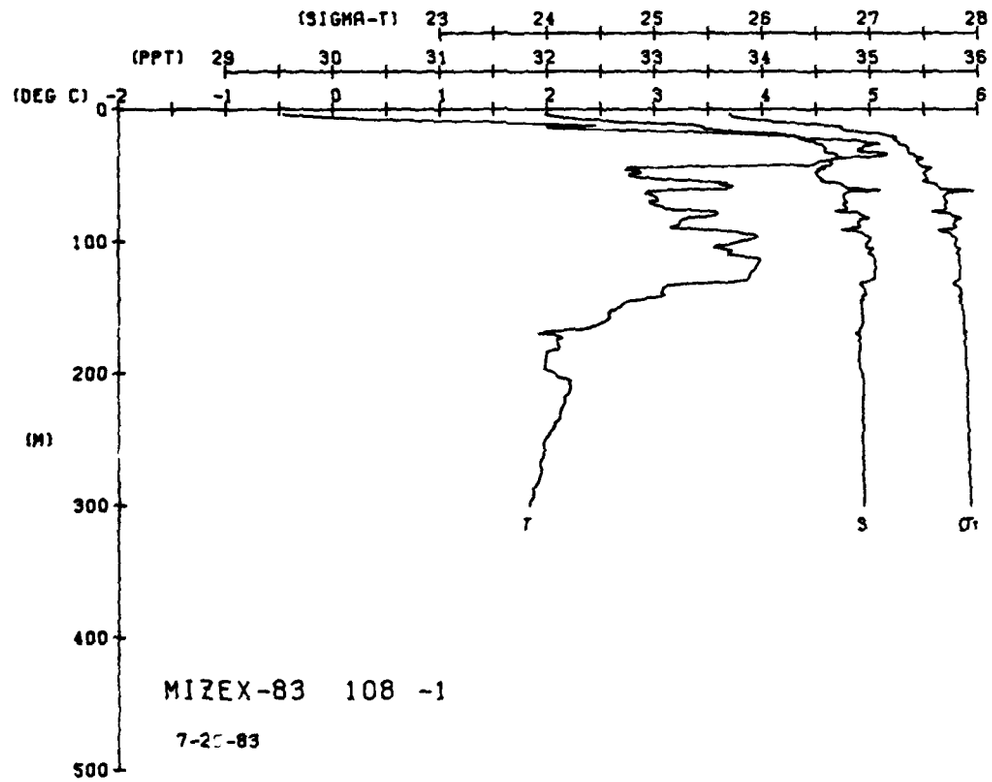
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.80	-0.80	31.34	25.18	277.7	0.000	1440.5
1.9	-0.80	-0.80	31.34	25.18	277.7	0.006	1440.5
5.0	-0.25	-0.25	31.95	25.66	232.2	0.013	1444.0
10.0	1.51	1.50	32.65	26.12	187.8	0.024	1453.0
15.0	2.05	2.05	33.46	26.74	129.8	0.032	1456.6
20.0	4.05	4.05	34.21	27.15	90.5	0.038	1466.3
25.0	4.96	4.95	34.49	27.28	78.8	0.042	1470.6
30.0	4.93	4.93	34.60	27.36	70.7	0.046	1470.7
35.0	5.14	5.14	34.69	27.41	66.0	0.049	1471.8
40.0	4.52	4.52	34.64	27.45	62.8	0.052	1469.2
45.0	2.74	2.74	34.55	27.55	52.7	0.055	1461.6
50.0	2.77	2.76	34.52	27.52	55.8	0.058	1461.8
55.0	3.59	3.59	34.58	27.50	58.2	0.061	1465.5
60.0	3.67	3.66	34.79	27.66	43.2	0.063	1466.2
65.0	2.97	2.97	34.73	27.67	41.5	0.066	1463.2
70.0	2.96	2.96	34.80	27.73	36.5	0.068	1463.3
75.0	3.09	3.09	34.78	27.70	38.9	0.069	1463.9
80.0	3.56	3.56	34.91	27.76	33.7	0.071	1466.2
85.0	3.23	3.22	34.90	27.78	31.3	0.073	1464.9
90.0	3.13	3.13	34.88	27.78	31.6	0.075	1464.5
95.0	3.92	3.91	34.95	27.75	34.2	0.076	1468.0
100.0	3.79	3.79	34.99	27.80	29.9	0.078	1467.6
110.0	3.70	3.69	35.00	27.82	28.2	0.081	1467.4
120.0	3.94	3.93	35.05	27.84	26.8	0.084	1468.7
130.0	3.80	3.79	35.00	27.81	29.5	0.086	1468.2
140.0	3.10	3.09	34.97	27.85	25.2	0.089	1465.3
150.0	2.65	2.64	34.92	27.85	25.0	0.092	1463.5
160.0	2.54	2.53	34.93	27.87	23.4	0.094	1463.2
170.0	1.96	1.95	34.86	27.86	23.7	0.096	1460.7
180.0	2.12	2.11	34.91	27.89	21.7	0.099	1461.6
190.0	1.99	1.98	34.91	27.90	20.8	0.101	1461.2
200.0	2.07	2.06	34.93	27.91	19.4	0.103	1461.8
210.0	2.23	2.22	34.95	27.91	19.6	0.105	1462.7
220.0	2.17	2.16	34.95	27.91	19.4	0.107	1462.6
230.0	2.12	2.11	34.93	27.91	20.0	0.109	1462.5
240.0	2.07	2.05	34.94	27.92	19.2	0.111	1462.4
250.0	1.99	1.97	34.94	27.92	18.8	0.113	1462.3
260.0	1.97	1.96	34.94	27.93	18.0	0.115	1462.4
270.0	1.94	1.92	34.95	27.94	17.5	0.116	1462.4
280.0	1.92	1.90	34.95	27.94	17.2	0.118	1462.5
290.0	1.88	1.86	34.95	27.94	17.1	0.120	1462.3
300.0	1.83	1.82	34.94	27.94	17.1	0.122	1462.4
301.2	1.83	1.82	34.95	27.94	16.9	0.122	1462.4

DEPTH TEMP. SALIN



MIZEX-83 107 -1

7-25-83



MIZEX-83 108 -1

7-26-83

MIZEX-83 STATION 109(1) CTD 25/JUL/1983 2119 GMT CODE = 1
LAT = 79 2333N LNG = 0 9550W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

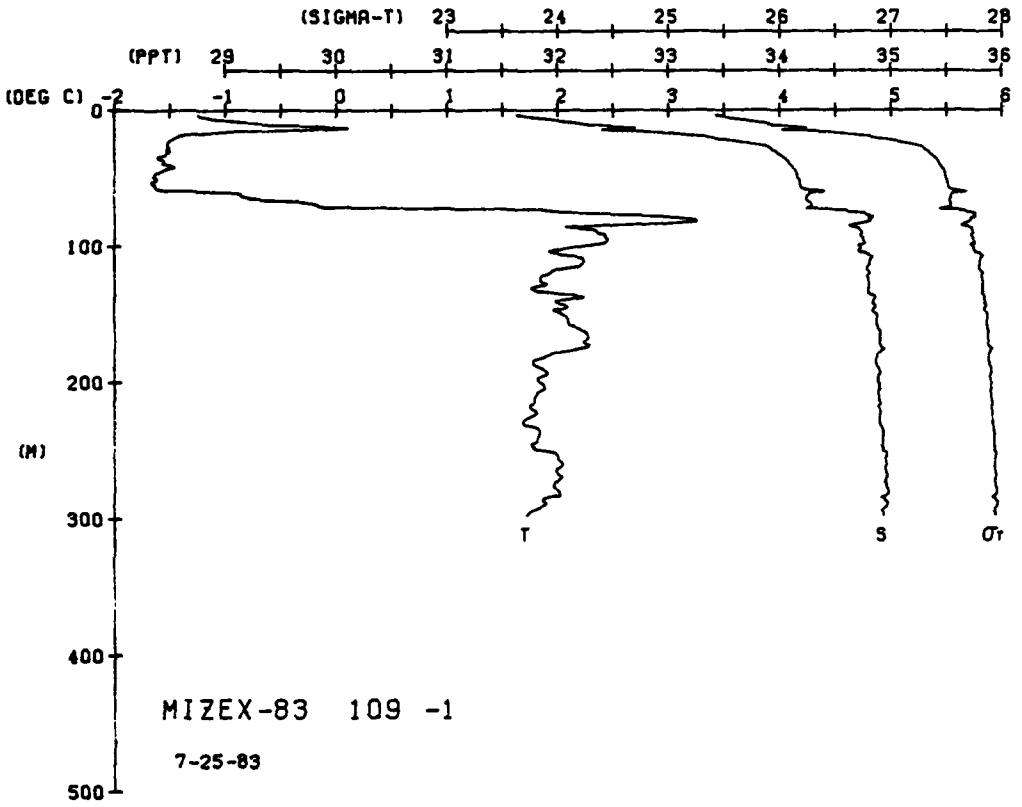
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.25	-1.25	31.59	25.40	256.8	0.000	1438.7
2.9	-1.25	-1.25	31.59	25.40	256.7	0.008	1438.8
5.0	-1.21	-1.21	31.71	25.49	248.1	0.013	1439.2
10.0	-0.79	-0.79	32.16	25.84	214.6	0.025	1441.8
15.0	-0.23	-0.23	32.44	26.05	194.5	0.035	1444.9
20.0	-1.44	-1.44	33.33	26.81	122.7	0.043	1440.6
25.0	-1.52	-1.52	33.73	27.14	91.0	0.048	1440.9
30.0	-1.51	-1.51	33.96	27.33	73.6	0.053	1441.3
35.0	-1.62	-1.62	34.03	27.39	67.7	0.056	1441.0
40.0	-1.56	-1.56	34.09	27.43	63.6	0.059	1441.4
45.0	-1.57	-1.57	34.14	27.47	59.6	0.063	1441.5
50.0	-1.63	-1.64	34.16	27.49	57.8	0.066	1441.4
55.0	-1.64	-1.64	34.17	27.50	56.8	0.068	1441.4
60.0	-1.37	-1.37	34.34	27.63	45.0	0.071	1443.0
65.0	-0.79	-0.79	34.23	27.52	54.8	0.073	1445.7
70.0	-0.20	-0.20	34.29	27.55	53.0	0.076	1448.6
75.0	1.92	1.92	34.61	27.66	42.4	0.079	1458.6
80.0	3.11	3.11	34.79	27.71	38.2	0.081	1464.1
85.0	2.48	2.48	34.61	27.62	46.2	0.083	1461.3
90.0	2.36	2.35	34.74	27.73	35.8	0.085	1461.0
95.0	2.43	2.42	34.75	27.74	35.6	0.087	1461.4
100.0	2.25	2.25	34.71	27.72	37.5	0.089	1460.6
110.0	2.24	2.23	34.81	27.80	29.5	0.092	1460.9
120.0	1.94	1.93	34.80	27.82	27.9	0.095	1459.7
130.0	1.81	1.81	34.82	27.84	25.5	0.098	1459.3
140.0	2.03	2.02	34.83	27.83	26.6	0.100	1460.5
150.0	2.04	2.03	34.87	27.86	23.7	0.103	1460.7
160.0	2.16	2.15	34.89	27.87	23.5	0.105	1461.5
170.0	2.24	2.23	34.90	27.87	23.1	0.107	1462.0
180.0	1.94	1.93	34.87	27.87	22.8	0.110	1460.8
190.0	1.84	1.82	34.89	27.90	20.7	0.112	1460.5
200.0	1.83	1.82	34.88	27.89	21.1	0.114	1460.7
210.0	1.80	1.79	34.89	27.90	20.8	0.116	1460.7
220.0	1.76	1.75	34.89	27.91	19.9	0.118	1460.7
230.0	1.68	1.67	34.89	27.91	19.6	0.120	1460.5
240.0	1.82	1.81	34.92	27.92	18.4	0.122	1461.3
250.0	1.80	1.78	34.92	27.92	18.4	0.124	1461.4
260.0	2.05	2.03	34.95	27.93	18.0	0.126	1462.7
270.0	2.04	2.02	34.96	27.94	17.1	0.128	1462.8
280.0	2.01	1.99	34.96	27.94	16.9	0.129	1462.9
290.0	1.90	1.88	34.95	27.94	16.9	0.131	1462.5

DEPTH TEMP SALIN

MIZEX-83 STATION 110(1) CTD 25/JUL/1983 2156 GMT CODE = 1
LAT = 79 2333N LNG = 1 5283W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.05	-1.05	30.27	24.32	359.6	0.000	1437.8
1.9	-1.05	-1.05	30.27	24.32	359.6	0.007	1437.9
5.0	-0.68	-0.68	31.72	25.49	248.6	0.016	1441.7
10.0	0.64	0.64	32.70	26.22	178.9	0.027	1449.2
15.0	2.34	2.34	33.26	26.55	147.7	0.036	1457.6
20.0	3.47	3.47	33.89	26.96	108.9	0.042	1463.5
25.0	3.46	3.46	33.78	26.87	117.5	0.048	1463.3
30.0	-0.57	-0.57	33.69	27.07	97.9	0.053	1445.3
35.0	-1.57	-1.57	34.13	27.47	60.4	0.057	1441.4
40.0	0.03	0.03	34.39	27.61	46.8	0.060	1449.2
45.0	0.04	0.04	34.16	27.43	64.3	0.063	1449.1
50.0	-0.05	-0.05	34.36	27.59	48.8	0.066	1449.0
55.0	0.51	0.50	34.52	27.69	39.6	0.068	1451.8
60.0	0.71	0.71	34.54	27.70	39.0	0.070	1452.9
65.0	1.23	1.23	34.64	27.74	34.8	0.072	1455.4
70.0	1.14	1.14	34.44	27.59	49.2	0.074	1454.8
75.0	0.43	0.42	34.58	27.74	34.3	0.076	1451.9
80.0	0.71	0.70	34.67	27.80	29.0	0.077	1453.4
85.0	0.74	0.73	34.62	27.76	33.0	0.079	1453.5
90.0	1.17	1.16	34.64	27.75	34.2	0.081	1455.6
95.0	0.95	0.95	34.69	27.80	29.6	0.082	1454.8
100.0	1.35	1.35	34.74	27.81	28.3	0.084	1456.7
110.0	1.80	1.79	34.78	27.81	28.6	0.087	1458.9
120.0	1.57	1.56	34.79	27.83	26.2	0.089	1458.0
130.0	1.55	1.54	34.81	27.85	24.5	0.092	1458.2
140.0	1.80	1.79	34.85	27.87	23.3	0.094	1459.5
150.0	1.82	1.81	34.86	27.88	22.3	0.097	1459.8
160.0	1.59	1.58	34.84	27.87	22.6	0.099	1458.9
170.0	1.56	1.55	34.84	27.88	22.4	0.101	1458.9
180.0	1.47	1.46	34.86	27.90	20.3	0.103	1458.7
190.0	1.44	1.43	34.85	27.90	20.6	0.106	1458.7
200.0	1.42	1.41	34.86	27.90	20.2	0.108	1458.8
210.0	1.57	1.56	34.88	27.91	19.7	0.110	1459.7
220.0	1.42	1.40	34.87	27.91	19.1	0.112	1459.1
230.0	1.38	1.37	34.87	27.91	19.0	0.114	1459.1
240.0	1.64	1.63	34.93	27.94	16.6	0.115	1460.6
250.0	1.59	1.58	34.90	27.93	18.0	0.117	1460.5
260.0	1.52	1.50	34.90	27.93	17.6	0.119	1460.3
270.0	1.57	1.55	34.93	27.95	16.3	0.121	1460.7
280.0	1.68	1.67	34.93	27.94	17.1	0.122	1461.4
290.0	1.64	1.62	34.90	27.92	18.6	0.124	1461.3
300.0	1.52	1.50	34.92	27.95	16.3	0.126	1461.0
306.9	1.44	1.43	34.93	27.96	15.0	0.127	1460.8

DEPTH TEMP. SALIN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200
(M)
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MIZEX-83 109 -1
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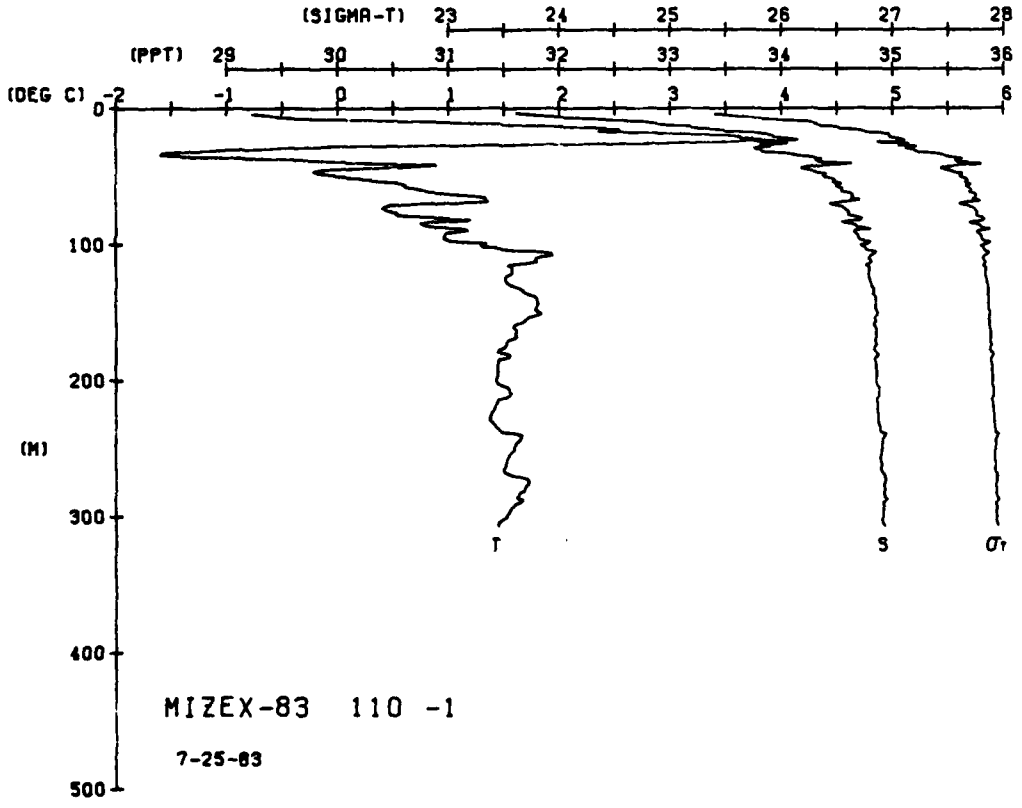
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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 110 -1
7-25-83

MIZEX-83 STATION 111(1) CTD 25/JUL/1983 2229 GMT CODE = 1
LAT = 79 2317N LNG = 1 9750W LTER = 300 LGER = 300
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

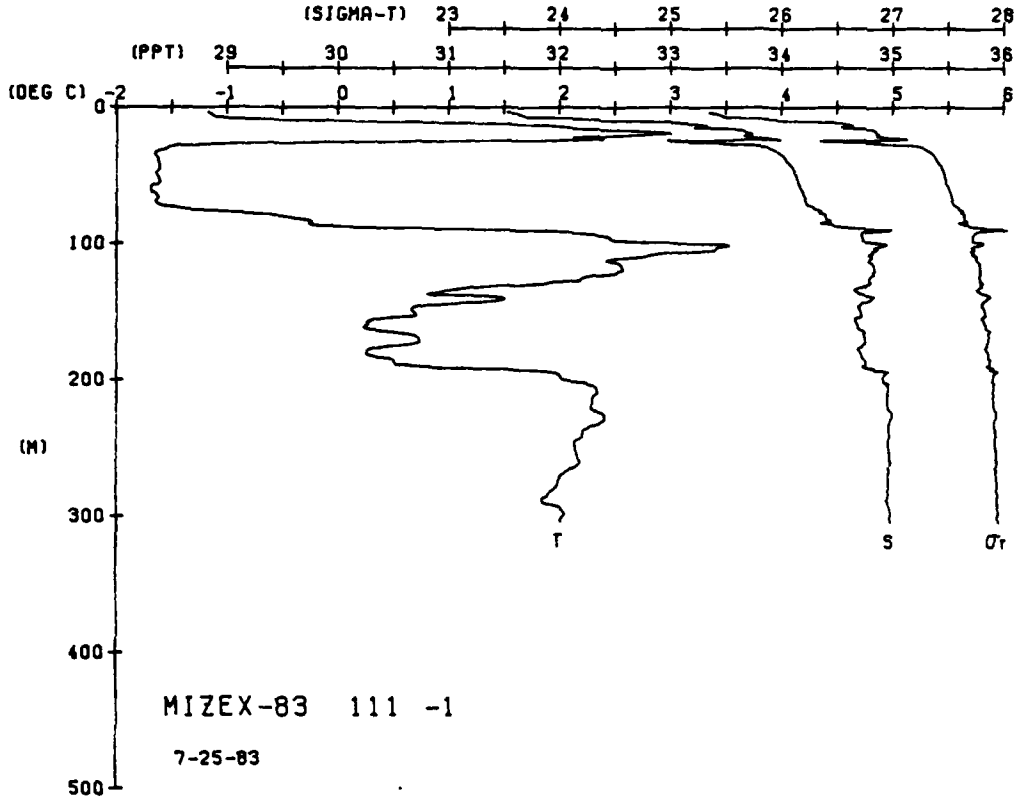
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-1.13	-1.13	31.39	25.23	272.9	0.000	1439.0
1.9	-1.13	-1.13	31.39	25.23	272.9	0.005	1439.1
5.0	-1.16	-1.16	31.62	25.42	254.9	0.014	1439.3
10.0	-0.48	-0.48	32.35	25.99	200.8	0.025	1443.6
15.0	2.03	2.03	33.20	26.53	149.7	0.034	1456.2
20.0	3.01	3.01	33.75	26.89	115.7	0.041	1461.3
25.0	1.96	1.96	32.94	26.32	169.1	0.048	1455.7
30.0	-1.54	-1.54	33.89	27.27	79.1	0.054	1441.1
35.0	-1.66	-1.66	34.00	27.36	70.3	0.058	1440.8
40.0	-1.62	-1.62	34.04	27.40	66.8	0.061	1441.1
45.0	-1.61	-1.61	34.10	27.44	62.6	0.065	1441.3
50.0	-1.64	-1.64	34.13	27.47	60.1	0.068	1441.3
55.0	-1.61	-1.61	34.15	27.49	58.5	0.071	1441.6
60.0	-1.69	-1.69	34.17	27.50	56.8	0.074	1441.3
65.0	-1.63	-1.63	34.20	27.53	54.4	0.076	1441.7
70.0	-1.65	-1.65	34.23	27.55	52.3	0.079	1441.7
75.0	-1.35	-1.35	34.30	27.60	47.7	0.082	1443.3
80.0	-0.54	-0.55	34.39	27.64	44.1	0.084	1447.3
85.0	-0.23	-0.24	34.34	27.58	49.4	0.086	1448.7
90.0	1.11	1.11	35.01	28.05	5.6	0.088	1455.8
95.0	2.38	2.38	34.72	27.72	37.5	0.089	1461.1
100.0	3.09	3.09	34.99	27.87	23.6	0.090	1464.6
110.0	2.79	2.78	34.83	27.77	32.9	0.093	1463.3
120.0	2.58	2.57	34.82	27.78	31.4	0.096	1462.5
130.0	1.84	1.83	34.77	27.80	29.5	0.100	1459.4
140.0	1.46	1.45	34.81	27.86	23.9	0.102	1457.9
150.0	0.66	0.66	34.71	27.83	26.3	0.105	1454.4
160.0	0.27	0.26	34.68	27.84	25.5	0.107	1452.7
170.0	0.71	0.71	34.75	27.86	23.4	0.110	1455.0
180.0	0.26	0.25	34.71	27.86	23.6	0.112	1453.0
190.0	0.57	0.57	34.74	27.86	23.1	0.115	1454.7
200.0	2.02	2.01	34.91	27.90	20.5	0.117	1461.5
210.0	2.33	2.32	34.95	27.90	20.7	0.119	1463.1
220.0	2.27	2.26	34.95	27.91	19.9	0.121	1463.0
230.0	2.39	2.38	34.97	27.92	19.5	0.123	1463.7
240.0	2.20	2.18	34.96	27.92	18.8	0.125	1463.0
250.0	2.14	2.12	34.96	27.93	18.5	0.127	1462.9
260.0	2.18	2.16	34.98	27.94	17.4	0.129	1463.3
270.0	2.00	1.99	34.95	27.93	18.0	0.130	1462.7
280.0	1.95	1.93	34.95	27.93	17.7	0.132	1462.6
290.0	1.84	1.83	34.95	27.94	16.8	0.134	1462.3
300.0	2.03	2.01	34.97	27.95	16.7	0.136	1463.3
304.9	2.00	1.99	34.96	27.94	17.1	0.136	1463.3

DEPTH TEMP SALIN

MIZEX-83 STATION 112(1) CTD 25/JUL/1983 2303 GMT CODE = 1
LAT = 79 2000N LNG = 2 4967W LTER = 300 LGER = 300
AIR TEMP = 0 0 BAROM = 0 0 WIND = 0 0 SPEED = 0 0

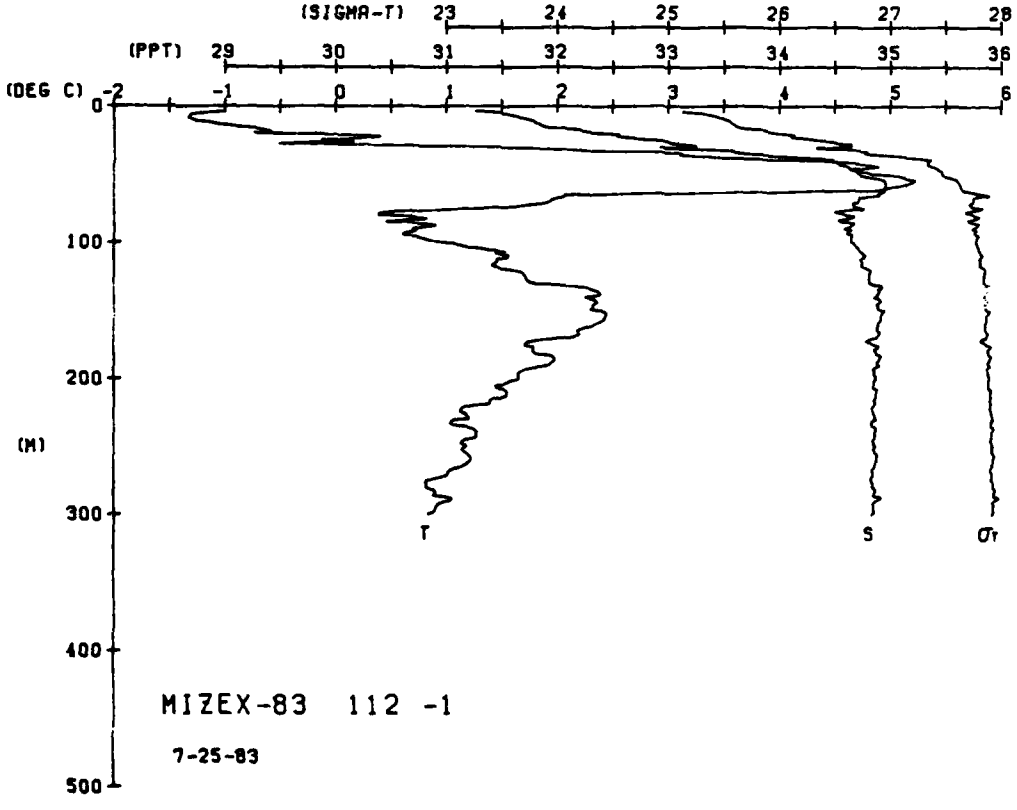
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.59	-0.59	31.07	24.96	298.7	0.000	1441.1
1.9	-0.59	-0.59	31.07	24.96	298.7	0.006	1441.1
5.0	-1.17	-1.17	31.41	25.25	270.7	0.015	1439.0
10.0	-1.31	-1.31	31.73	25.51	246.1	0.028	1438.8
15.0	-0.96	-0.96	31.87	25.62	235.9	0.040	1440.8
20.0	-0.74	-0.74	32.35	25.99	200.1	0.051	1442.5
25.0	-0.14	-0.14	32.77	26.32	169.5	0.060	1446.0
30.0	1.16	1.16	33.15	26.55	147.4	0.068	1452.5
35.0	3.20	3.19	33.62	26.77	127.2	0.075	1462.2
40.0	4.19	4.19	34.47	27.34	72.9	0.080	1467.6
45.0	4.93	4.93	34.62	27.38	69.3	0.084	1471.0
50.0	4.92	4.91	34.67	27.42	65.5	0.087	1471.1
55.0	5.21	5.21	34.95	27.61	47.6	0.090	1472.7
60.0	5.00	4.99	34.95	27.64	45.1	0.092	1471.9
65.0	2.35	2.34	34.90	27.86	23.3	0.094	1460.7
70.0	1.94	1.94	34.70	27.74	35.4	0.096	1458.7
75.0	1.35	1.35	34.78	27.85	24.7	0.097	1456.4
80.0	0.38	0.37	34.59	27.75	33.6	0.099	1451.8
85.0	0.45	0.44	34.56	27.72	36.2	0.100	1452.1
90.0	0.68	0.68	34.57	27.72	36.5	0.102	1453.3
95.0	0.65	0.64	34.65	27.79	30.0	0.104	1453.3
100.0	0.95	0.94	34.66	27.77	31.8	0.106	1454.8
110.0	1.58	1.57	34.76	27.81	28.2	0.109	1457.9
120.0	1.56	1.55	34.83	27.87	22.7	0.111	1458.1
130.0	1.78	1.77	34.81	27.83	26.3	0.114	1459.2
140.0	2.25	2.24	34.84	27.82	27.5	0.116	1461.4
150.0	2.39	2.38	34.95	27.90	20.3	0.119	1462.4
160.0	2.33	2.32	34.88	27.85	25.2	0.121	1462.2
170.0	2.11	2.10	34.82	27.82	28.1	0.124	1461.3
180.0	1.78	1.77	34.88	27.89	21.4	0.126	1460.1
190.0	1.93	1.92	34.89	27.89	21.3	0.128	1460.9
200.0	1.65	1.64	34.87	27.90	20.5	0.131	1459.9
210.0	1.55	1.54	34.87	27.90	20.0	0.133	1459.6
220.0	1.22	1.21	34.83	27.89	20.8	0.135	1458.2
230.0	1.15	1.14	34.84	27.91	19.7	0.137	1458.1
240.0	1.27	1.26	34.86	27.91	19.0	0.139	1458.8
250.0	1.19	1.17	34.86	27.92	18.0	0.141	1458.6
260.0	1.22	1.21	34.88	27.93	17.4	0.142	1458.9
270.0	1.01	0.99	34.85	27.92	18.2	0.144	1458.1
280.0	0.82	0.80	34.85	27.94	16.5	0.146	1457.4
290.0	1.04	1.02	34.84	27.92	18.8	0.148	1458.6
300.0	0.79	0.78	34.82	27.92	18.4	0.150	1457.6

DEPTH TEMP SALIN



MIZEX-83 111 -1

7-25-83



MIZEX-83 112 -1

7-25-83

MIZEX-83 STATION 113(1) CTD 25/JUL/1983 2340 GMT CODE = 1
LAT = 79.2133N LNG = 3.1317W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

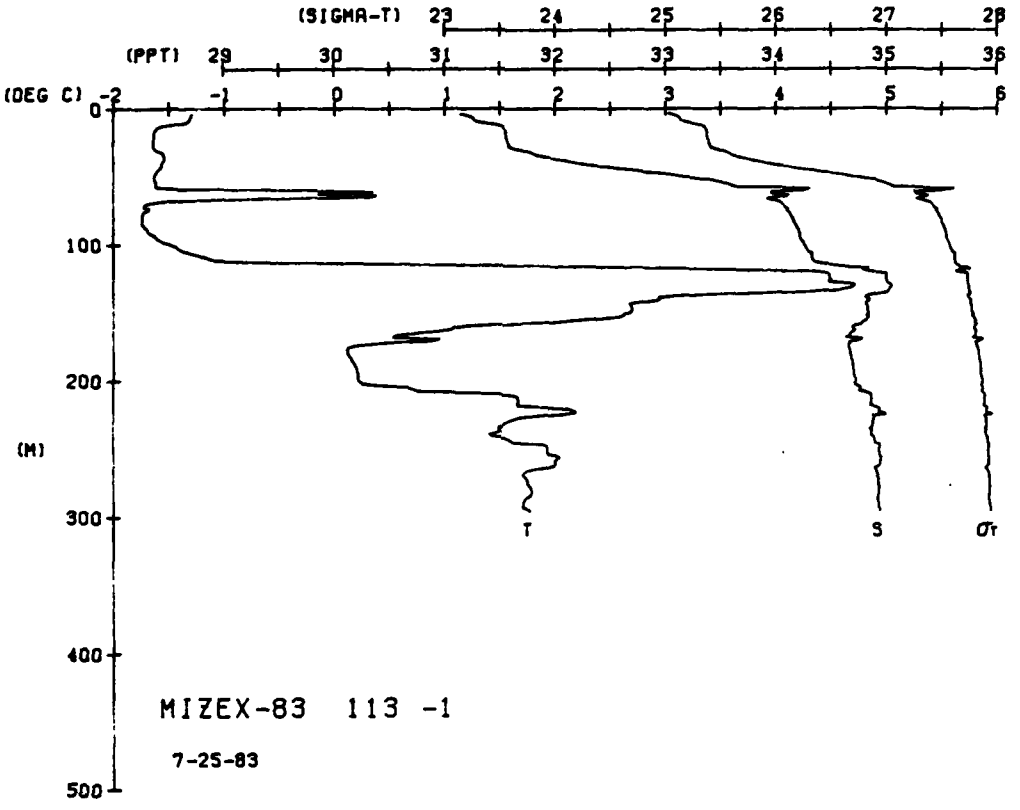
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.99	-0.99	29.49	23.69	419.9	0.000	1437.0
1.9	-0.99	-0.99	29.49	23.69	419.9	0.008	1437.1
5.0	-1.30	-1.30	31.17	25.06	288.9	0.019	1438.0
10.0	-1.33	-1.33	31.30	25.16	279.1	0.034	1438.1
15.0	-1.61	-1.61	31.53	25.35	261.0	0.047	1437.2
20.0	-1.63	-1.63	31.55	25.37	259.2	0.060	1437.2
25.0	-1.64	-1.64	31.57	25.39	257.6	0.074	1437.3
30.0	-1.62	-1.62	31.63	25.44	252.6	0.086	1437.5
35.0	-1.54	-1.54	31.84	25.61	236.9	0.099	1438.3
40.0	-1.56	-1.56	32.16	25.87	212.1	0.110	1438.7
45.0	-1.59	-1.59	32.63	26.25	175.9	0.120	1439.3
50.0	-1.64	-1.64	33.12	26.65	137.9	0.128	1439.9
55.0	-1.62	-1.62	33.52	26.97	107.0	0.134	1440.6
60.0	-0.68	-0.68	34.43	27.68	40.6	0.138	1446.4
65.0	0.66	0.66	34.00	27.26	80.0	0.141	1452.0
70.0	-1.69	-1.69	34.05	27.41	65.8	0.144	1441.3
75.0	-1.68	-1.69	34.09	27.44	62.8	0.148	1441.4
80.0	-1.73	-1.73	34.14	27.48	58.6	0.151	1441.4
85.0	-1.74	-1.74	34.17	27.51	56.4	0.154	1441.5
90.0	-1.69	-1.69	34.20	27.53	53.9	0.156	1441.8
95.0	-1.60	-1.60	34.21	27.54	53.5	0.159	1442.3
100.0	-1.48	-1.48	34.26	27.57	50.5	0.162	1443.1
110.0	-1.16	-1.16	34.32	27.61	47.0	0.167	1444.8
120.0	4.04	4.03	34.81	27.63	46.0	0.171	1468.7
130.0	4.70	4.69	35.04	27.74	35.8	0.176	1472.0
140.0	2.95	2.94	34.83	27.75	34.7	0.179	1464.5
150.0	2.68	2.67	34.83	27.78	32.0	0.182	1463.5
160.0	1.17	1.17	34.70	27.79	30.2	0.186	1456.8
170.0	0.97	0.96	34.75	27.84	25.2	0.188	1456.2
180.0	0.13	0.12	34.67	27.83	26.0	0.191	1452.4
190.0	0.20	0.19	34.69	27.85	24.7	0.194	1452.9
200.0	0.22	0.21	34.70	27.86	23.8	0.196	1453.2
210.0	1.50	1.49	34.85	27.89	21.3	0.198	1459.3
220.0	1.91	1.89	34.91	27.91	20.0	0.200	1461.4
230.0	1.58	1.57	34.86	27.89	21.0	0.202	1460.0
240.0	1.41	1.40	34.85	27.90	20.5	0.205	1459.4
250.0	1.93	1.91	34.93	27.92	18.8	0.207	1462.0
260.0	2.00	1.98	34.94	27.92	18.8	0.208	1462.5
270.0	1.71	1.70	34.91	27.92	18.5	0.210	1461.3
280.0	1.79	1.77	34.93	27.93	18.0	0.212	1461.9
290.0	1.71	1.69	34.92	27.93	17.9	0.214	1461.7

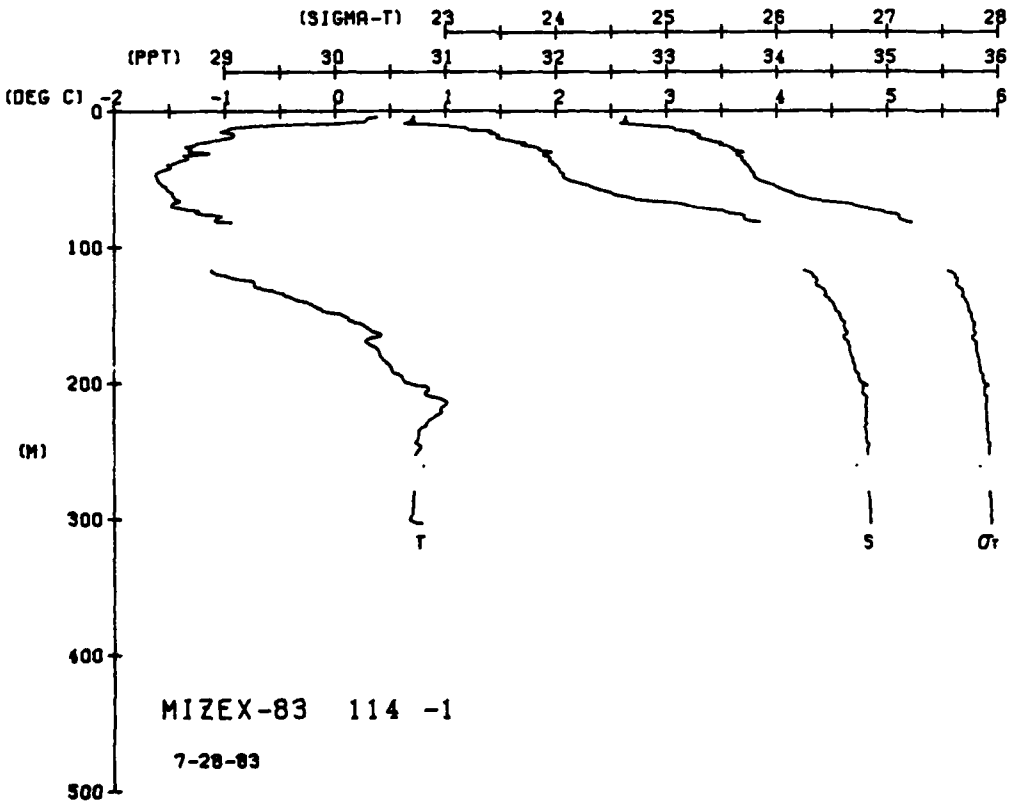
DEPTH TEMP SALIN

MIZEX-83 STATION 114(1) CTD 28/JUL/1983 1420 GMT CODE = 1
LAT = 78.0783N LNG = 5.2333W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.28	0.28	30.69	24.61	331.5	*****	1444.6
2.0	0.28	0.28	30.69	24.61	331.5	*****	1444.6
5.0	0.32	0.32	30.71	24.63	329.6	*****	1444.9
10.0	-0.27	-0.27	30.68	24.63	330.2	*****	1442.2
15.0	-1.04	-1.04	31.31	25.16	279.3	*****	1439.6
20.0	-0.97	-0.97	31.46	25.29	267.4	*****	1440.2
25.0	-1.26	-1.26	31.71	25.50	247.2	*****	1439.3
30.0	-1.32	-1.32	31.90	25.65	232.3	*****	1439.3
35.0	-1.33	-1.33	31.94	25.68	229.8	*****	1439.4
40.0	-1.53	-1.53	31.99	25.73	225.1	*****	1438.6
45.0	-1.60	-1.60	32.04	25.77	220.9	*****	1438.5
50.0	-1.60	-1.60	32.09	25.81	217.4	*****	1438.6
55.0	-1.56	-1.56	32.29	25.97	202.0	*****	1439.1
60.0	-1.47	-1.47	32.48	26.13	187.2	*****	1439.9
65.0	-1.44	-1.44	32.69	26.30	171.0	*****	1440.4
70.0	-1.49	-1.49	33.19	26.71	132.2	*****	1441.0
75.0	-1.27	-1.27	33.54	26.98	106.3	*****	1442.6
80.0	-1.09	-1.09	33.71	27.11	94.0	*****	1443.8
82.8	-0.93	-0.93	33.82	27.20	85.8	*****	1444.7
85.0							
90.0							
95.0							
100.0							
110.0							
116.9	-1.11	-1.11	34.23	27.53	53.7	*****	1445.0
120.0	-1.07	-1.07	34.32	27.60	47.0	*****	1445.4
130.0	-0.72	-0.73	34.39	27.64	43.4	*****	1447.3
140.0	-0.34	-0.34	34.49	27.71	37.3	*****	1449.4
150.0	0.05	0.04	34.57	27.75	33.4	*****	1451.4
160.0	0.30	0.29	34.61	27.77	31.4	*****	1452.8
170.0	0.28	0.27	34.65	27.80	28.6	*****	1452.9
180.0	0.41	0.40	34.68	27.82	26.9	*****	1453.7
190.0	0.51	0.50	34.70	27.83	26.0	*****	1454.3
200.0	0.66	0.65	34.77	27.88	21.7	*****	1455.3
210.0	0.84	0.83	34.82	27.91	19.2	*****	1456.3
220.0	0.95	0.94	34.81	27.89	20.7	*****	1457.0
230.0	0.83	0.82	34.81	27.91	19.2	*****	1456.6
240.0	0.75	0.74	34.81	27.91	18.8	*****	1456.4
250.0	0.74	0.73	34.82	27.92	18.4	*****	1456.6
260.0	0.78	0.77	34.74	27.85	24.9	*****	1456.8
261.9	0.69	0.68	34.83	27.93	17.2	*****	1456.6
270.0							
279.6	0.71	0.69	34.84	27.94	16.7	*****	1456.9
280.0	0.71	0.70	34.84	27.93	16.8	*****	1456.9
290.0	0.70	0.69	34.84	27.94	16.4	*****	1457.1
300.0	0.67	0.66	34.84	27.94	16.2	*****	1457.1
303.5	0.79	0.77	34.85	27.94	16.4	*****	1457.7

DEPTH TEMP SALIN


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 113 -1
7-25-83


(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
200
(M)
300
400
500
T
S
σT
MIZEX-83 114 -1
7-28-83

MIZEX-83 STATION 115(1) CTD 28/JUL/1983 1511 GMT CODE = 1
LAT = 78.0800N LNG = 5.6817W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

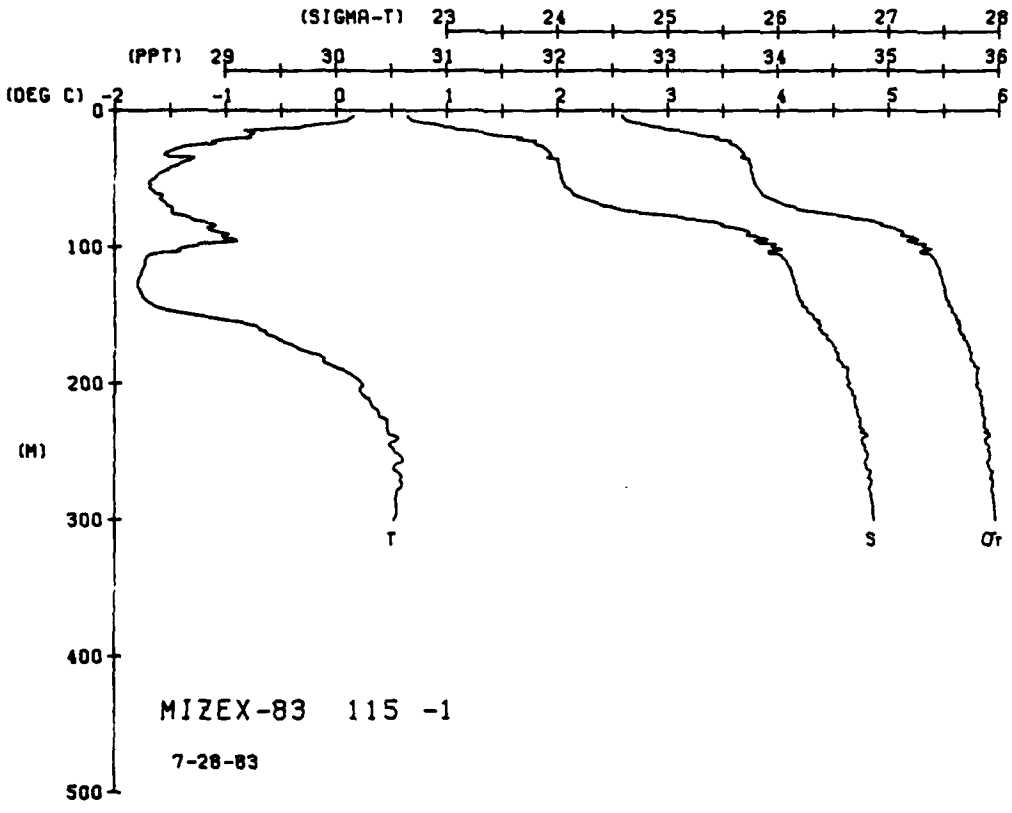
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	0.14	0.14	30.66	24.60	333.2	0.000	1443.9
2.0	0.14	0.14	30.66	24.60	333.2	0.007	1443.9
5.0	0.15	0.15	30.65	24.59	333.8	0.017	1444.0
10.0	-0.09	-0.09	30.83	24.75	319.0	0.033	1443.3
15.0	-0.79	-0.79	31.18	25.05	290.0	0.049	1440.6
20.0	-0.79	-0.79	31.61	25.40	256.2	0.063	1441.2
25.0	-1.15	-1.15	31.80	25.56	240.8	0.075	1439.9
30.0	-1.51	-1.51	31.91	25.66	231.7	0.087	1438.5
35.0	-1.36	-1.36	31.91	25.66	232.0	0.099	1439.2
40.0	-1.43	-1.43	32.02	25.75	223.2	0.110	1439.1
45.0	-1.55	-1.55	32.02	25.75	222.9	0.122	1438.6
50.0	-1.63	-1.63	32.03	25.76	221.9	0.133	1438.4
55.0	-1.67	-1.67	32.08	25.80	218.1	0.144	1438.3
60.0	-1.63	-1.63	32.14	25.85	213.2	0.155	1438.7
65.0	-1.58	-1.59	32.24	25.93	205.5	0.165	1439.1
70.0	-1.51	-1.51	32.42	26.08	191.8	0.175	1439.8
75.0	-1.48	-1.48	32.75	26.35	166.2	0.185	1440.5
80.0	-1.31	-1.31	33.17	26.68	134.4	0.192	1442.0
85.0	-1.09	-1.10	33.49	26.93	110.8	0.198	1443.5
90.0	-1.02	-1.03	33.74	27.14	91.4	0.203	1444.3
95.0	-0.91	-0.91	33.91	27.27	79.1	0.208	1445.2
100.0	-1.27	-1.27	33.90	27.27	78.6	0.212	1443.5
110.0	-1.72	-1.72	34.07	27.42	64.0	0.219	1441.8
120.0	-1.76	-1.76	34.12	27.46	60.0	0.225	1441.9
130.0	-1.78	-1.79	34.17	27.50	56.2	0.231	1442.0
140.0	-1.71	-1.71	34.21	27.54	52.9	0.237	1442.6
150.0	-1.31	-1.31	34.30	27.59	47.7	0.242	1444.7
160.0	-0.69	-0.70	34.37	27.63	44.5	0.246	1447.9
170.0	-0.47	-0.48	34.50	27.73	35.7	0.250	1449.2
180.0	-0.15	-0.16	34.54	27.74	34.3	0.254	1451.0
190.0	0.04	0.03	34.65	27.82	27.2	0.257	1452.1
200.0	0.23	0.22	34.64	27.81	28.5	0.260	1453.2
210.0	0.26	0.25	34.69	27.84	25.1	0.263	1453.5
220.0	0.38	0.37	34.73	27.87	23.0	0.265	1454.3
230.0	0.47	0.46	34.74	27.87	22.2	0.267	1454.9
240.0	0.56	0.55	34.78	27.89	20.3	0.269	1455.5
250.0	0.53	0.52	34.79	27.91	19.0	0.271	1455.6
260.0	0.54	0.53	34.80	27.91	18.6	0.273	1455.8
270.0	0.60	0.59	34.82	27.92	17.7	0.275	1456.2
280.0	0.55	0.54	34.84	27.95	15.4	0.277	1456.2
290.0	0.55	0.54	34.86	27.96	14.0	0.278	1456.4
300.0	0.53	0.52	34.87	27.97	13.3	0.280	1456.5
302.0	0.52	0.51	34.87	27.97	13.5	0.280	1456.5

DEPTH TEMP. SALIN

MIZEX-83 STATION 116(1) CTD 28/JUL/1983 1601 GMT CODE = 1
LAT = 78.0800N LNG = 6.1733W LTER = 300. LGER = 300.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

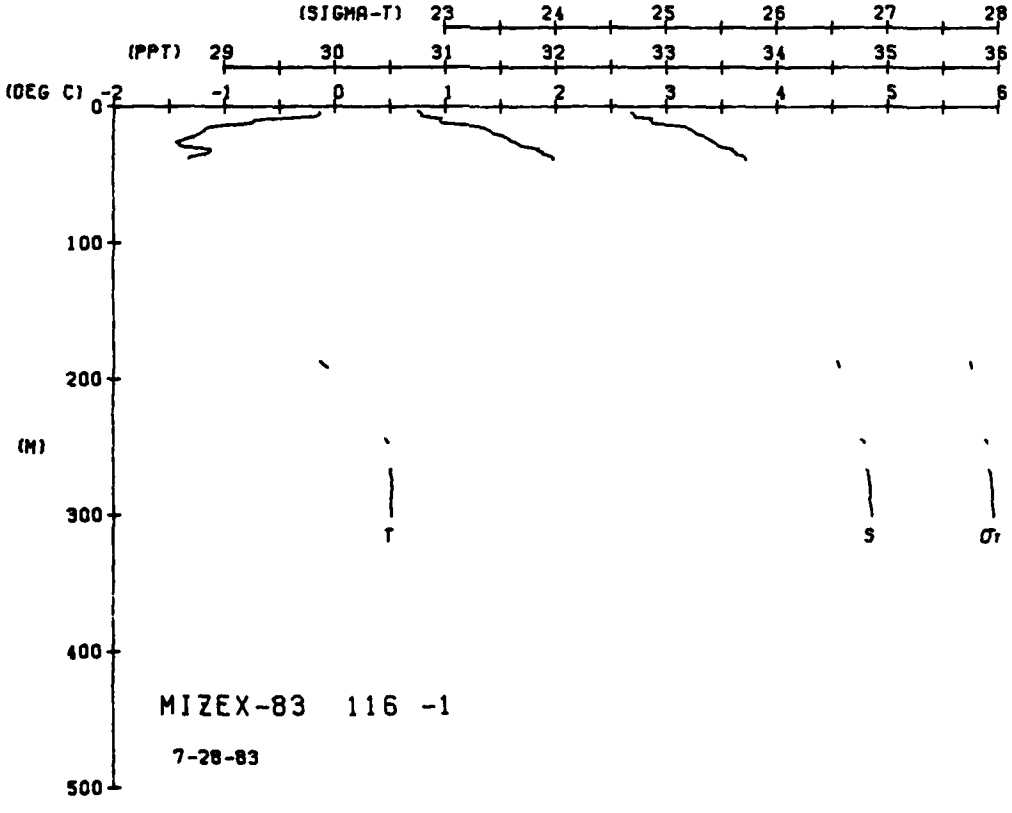
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.14	-0.14	30.62	24.57	335.3	*****	1442.6
2.0	-0.14	-0.14	30.62	24.57	335.3	*****	1442.6
5.0	-0.14	-0.14	30.76	24.69	324.2	*****	1442.9
10.0	-0.72	-0.72	30.95	24.87	307.5	*****	1440.5
15.0	-1.10	-1.10	31.27	25.13	282.1	*****	1439.2
20.0	-1.22	-1.22	31.43	25.27	269.3	*****	1439.0
25.0	-1.39	-1.39	31.59	25.40	256.8	*****	1438.5
30.0	-1.40	-1.40	31.74	25.52	244.9	*****	1438.7
35.0	-1.16	-1.16	31.89	25.64	233.5	*****	1440.1
39.7	-1.33	-1.33	31.98	25.71	226.5	*****	1439.6
40.0							
45.0							
50.0							
55.0							
60.0							
65.0							
70.0							
75.0							
80.0							
85.0							
90.0							
95.0							
100.0							
110.0							
120.0							
130.0							
140.0							
150.0							
160.0							
170.0							
180.0							
186.4	-0.13	-0.14	34.54	27.74	34.2	*****	1451.1
190.0	-0.10	-0.10	34.56	27.75	33.2	*****	1451.4
192.4	-0.06	-0.06	34.55	27.75	33.6	*****	1451.6
200.0							
210.0							
220.0							
230.0							
240.0							
243.5	0.46	0.45	34.79	27.91	18.8	*****	1455.1
246.5	0.49	0.48	34.80	27.91	18.4	*****	1455.3
250.0							
260.0							
265.8	0.51	0.50	34.83	27.94	16.0	*****	1455.8
270.0	0.51	0.50	34.83	27.94	16.0	*****	1455.8
280.0	0.52	0.50	34.85	27.95	14.7	*****	1456.1
290.0	0.51	0.50	34.85	27.96	14.6	*****	1456.2
300.0	0.51	0.50	34.86	27.97	13.5	*****	1456.4

DEPTH TEMP. SALIN



MIZEX-83 115 -1

7-28-83



MIZEX-83 116 -1

7-28-83

MIZEX-83 STATION 117(1) CTD 28/JUL/1983 1813 GMT CODE = 1
LAT = 78.4250N LNG = 4.3233W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

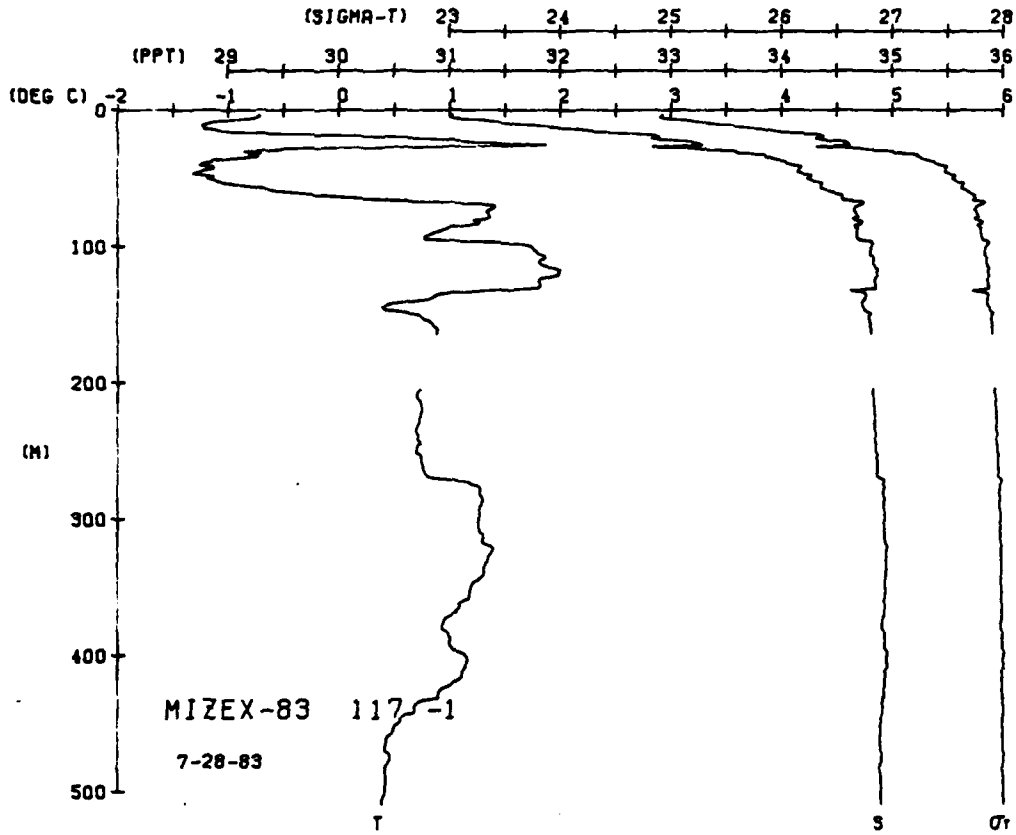
DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.71	-0.71	31.00	24.91	303.8	*****	1440.4
3.4	-0.71	-0.71	31.00	24.91	303.7	*****	1440.5
5.0	-0.73	-0.73	31.01	24.91	303.2	*****	1440.4
10.0	-1.19	-1.19	31.51	25.33	263.3	*****	1439.1
15.0	-1.11	-1.11	32.20	25.89	209.9	*****	1440.5
20.0	0.42	0.42	32.89	26.38	163.1	*****	1448.6
25.0	1.51	1.50	33.24	26.60	143.1	*****	1454.1
30.0	-0.67	-0.67	33.29	26.75	128.1	*****	1444.3
35.0	-0.77	-0.78	33.86	27.22	83.8	*****	1444.7
40.0	-1.24	-1.24	34.08	27.41	65.4	*****	1442.9
45.0	-1.25	-1.25	34.16	27.48	59.0	*****	1443.1
50.0	-1.17	-1.17	34.20	27.52	55.7	*****	1443.6
55.0	-0.93	-0.94	34.34	27.61	46.5	*****	1445.0
60.0	-0.48	-0.48	34.45	27.69	39.5	*****	1447.3
65.0	0.28	0.28	34.56	27.73	35.4	*****	1451.0
70.0	1.33	1.33	34.74	27.81	28.2	*****	1456.1
75.0	1.32	1.32	34.66	27.75	34.0	*****	1456.0
80.0	1.31	1.31	34.64	27.73	35.6	*****	1456.0
85.0	1.15	1.15	34.65	27.75	33.7	*****	1455.4
90.0	0.87	0.86	34.67	27.79	30.0	*****	1454.3
95.0	0.77	0.77	34.69	27.81	28.1	*****	1454.0
100.0	1.70	1.69	34.80	27.83	26.3	*****	1458.3
110.0	1.84	1.84	34.82	27.84	25.7	*****	1459.1
120.0	1.98	1.98	34.86	27.86	24.2	*****	1460.0
130.0	1.81	1.81	34.84	27.86	23.7	*****	1459.4
140.0	0.69	0.68	34.74	27.86	23.9	*****	1454.4
150.0	0.69	0.69	34.81	27.91	18.7	*****	1454.7
160.0	0.88	0.87	34.80	27.89	20.4	*****	1455.7
164.8	0.87	0.86	34.82	27.91	19.1	*****	1455.7
170.0							
180.0							
190.0							
200.0							
204.5	0.74	0.73	34.82	27.92	18.0	*****	1455.8
210.0	0.70	0.69	34.82	27.92	17.6	*****	1455.7
220.0	0.75	0.74	34.83	27.93	17.5	*****	1456.1
230.0	0.72	0.71	34.83	27.93	17.0	*****	1456.2
240.0	0.72	0.71	34.84	27.94	16.3	*****	1456.3
250.0	0.69	0.68	34.85	27.94	15.8	*****	1456.4
260.0	0.75	0.73	34.86	27.95	15.6	*****	1456.8
270.0	0.83	0.81	34.87	27.96	14.8	*****	1457.3
280.0	1.28	1.26	34.92	27.96	14.7	*****	1459.6
290.0	1.28	1.27	34.91	27.96	15.1	*****	1459.8
300.0	1.26	1.24	34.91	27.96	15.0	*****	1459.8
310.0	1.27	1.25	34.92	27.97	14.3	*****	1460.1
320.0	1.36	1.35	34.95	27.98	12.9	*****	1460.7
330.0	1.34	1.32	34.93	27.97	14.1	*****	1460.7
340.0	1.31	1.29	34.94	27.97	13.7	*****	1460.7
350.0	1.18	1.17	34.93	27.97	13.7	*****	1460.3
360.0	1.12	1.10	34.91	27.97	14.4	*****	1460.2
370.0	1.02	1.00	34.91	27.97	13.5	*****	1459.9
380.0	0.93	0.91	34.91	27.97	13.3	*****	1459.7
390.0	0.99	0.97	34.92	27.98	12.8	*****	1460.1
400.0	1.13	1.11	34.94	27.99	12.6	*****	1461.0
410.0	1.13	1.11	34.93	27.98	12.8	*****	1461.1
420.0	1.03	1.01	34.92	27.98	13.0	*****	1460.8
430.0	0.89	0.87	34.92	27.99	12.2	*****	1460.4
440.0	0.67	0.65	34.90	27.98	12.2	*****	1459.5
450.0	0.54	0.52	34.88	27.98	12.4	*****	1459.1
460.0	0.43	0.41	34.88	27.98	12.1	*****	1458.7
470.0	0.41	0.39	34.88	27.99	11.7	*****	1458.8
480.0	0.43	0.41	34.88	27.99	11.6	*****	1459.1
490.0	0.42	0.40	34.89	27.99	11.1	*****	1459.2
500.0	0.41	0.39	34.89	28.00	10.9	*****	1459.3

DEPTH TEMP. SALIN

MIZEX-83 STATION 118(1) CTD 28/JUL/1983 1854 GMT CODE = 1
LAT = 78.4267N LNG = 3.8167W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	-0.63	-0.63	31.12	24.99	295.3	0.000	1441.0
3.9	-0.63	-0.63	31.12	24.99	295.2	0.012	1441.1
5.0	-0.73	-0.73	31.34	25.18	277.5	0.015	1440.9
10.0	-0.71	-0.71	31.56	25.35	261.0	0.028	1441.4
15.0	-0.68	-0.68	33.12	26.62	140.7	0.039	1443.8
20.0	1.01	1.01	34.56	27.69	39.2	0.043	1453.6
25.0	3.55	3.55	34.34	27.30	76.1	0.046	1464.5
30.0	1.04	1.04	34.56	27.69	39.6	0.049	1453.9
35.0	0.53	0.53	34.40	27.59	48.9	0.051	1451.5
40.0	0.20	0.19	34.51	27.70	38.6	0.053	1450.2
45.0	0.59	0.59	34.56	27.72	36.8	0.055	1452.1
50.0	-0.04	-0.04	34.55	27.74	34.3	0.057	1449.3
55.0	-0.06	-0.07	34.56	27.75	33.6	0.059	1449.3
60.0	0.00	-0.01	34.57	27.76	32.8	0.061	1449.7
65.0	0.02	0.02	34.57	27.76	32.8	0.062	1449.9
70.0	0.10	0.10	34.59	27.77	31.6	0.064	1450.4
75.0	0.49	0.49	34.63	27.78	30.9	0.065	1452.3
80.0	0.65	0.64	34.65	27.79	30.5	0.067	1453.1
85.0	0.60	0.60	34.66	27.79	29.6	0.068	1453.0
90.0	0.52	0.51	34.65	27.80	29.5	0.070	1452.7
95.0	0.86	0.86	34.72	27.83	26.1	0.071	1454.4
100.0	1.18	1.17	34.73	27.82	27.5	0.073	1455.9
110.0	0.71	0.70	34.72	27.84	25.5	0.075	1453.9
120.0	0.81	0.81	34.76	27.86	23.1	0.078	1454.6
130.0	0.58	0.57	34.74	27.87	23.0	0.080	1453.7
140.0	0.44	0.44	34.75	27.88	21.5	0.082	1453.3
150.0	0.57	0.57	34.78	27.89	20.4	0.085	1454.1
160.0	0.60	0.60	34.80	27.91	18.9	0.087	1454.4
170.0	0.64	0.63	34.80	27.91	19.2	0.088	1454.7
180.0	0.59	0.58	34.80	27.91	18.8	0.090	1454.7
190.0	0.62	0.61	34.81	27.92	18.2	0.092	1455.0
200.0	0.67	0.67	34.82	27.92	18.0	0.094	1455.4
210.0	0.62	0.61	34.82	27.92	17.5	0.096	1455.3
220.0	0.56	0.55	34.83	27.93	16.9	0.098	1455.3
230.0	0.56	0.55	34.83	27.93	16.5	0.099	1455.4
240.0	0.57	0.56	34.83	27.94	16.3	0.101	1455.7
250.0	0.58	0.56	34.84	27.95	15.4	0.103	1455.8
260.0	0.58	0.57	34.85	27.95	15.2	0.104	1456.0
270.0	0.61	0.60	34.84	27.95	15.6	0.106	1456.3
280.0	0.66	0.65	34.87	27.96	14.4	0.107	1456.8
290.0	0.65	0.63	34.86	27.95	14.9	0.109	1456.8
300.0	0.73	0.73	34.87	27.96	14.8	0.110	1457.5
310.0	0.81	0.80	34.88	27.96	14.3	0.112	1458.0
320.0	0.91	0.90	34.92	27.98	12.2	0.113	1458.6
330.0	1.04	1.02	34.91	27.97	13.4	0.114	1459.4
340.0	0.89	0.88	34.90	27.97	13.6	0.116	1458.8
350.0	0.91	0.90	34.91	27.98	13.0	0.117	1459.1
360.0	0.86	0.84	34.90	27.98	13.1	0.118	1459.0
370.0	0.96	0.94	34.91	27.98	13.3	0.120	1459.7
380.0	0.85	0.84	34.91	27.98	12.8	0.121	1459.3
390.0	0.85	0.83	34.91	27.98	12.4	0.122	1459.5
400.0	1.00	0.98	34.92	27.98	12.6	0.124	1460.3
410.0	1.05	1.03	34.94	27.99	11.9	0.125	1460.8
420.0	0.94	0.92	34.92	27.99	12.3	0.126	1460.4
430.0	0.89	0.87	34.93	27.99	11.6	0.127	1460.4
440.0	0.84	0.82	34.92	27.99	11.7	0.128	1460.3
450.0	0.66	0.64	34.89	27.98	12.6	0.130	1459.6
460.0	0.61	0.59	34.91	28.00	11.1	0.131	1459.6
470.0	0.43	0.41	34.89	27.99	11.1	0.132	1458.9
480.0	0.43	0.40	34.90	28.01	10.0	0.133	1459.1
490.0	0.39	0.37	34.90	28.00	10.4	0.134	1459.1
500.0	0.36	0.34	34.89	28.00	10.7	0.135	1459.1
510.0	0.37	0.35	34.90	28.00	10.4	0.136	1459.3
513.5	0.36	0.34	34.90	28.01	9.7	0.137	1459.3

DEPTH TEMP. SALIN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(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
100
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MIZEX-83 117 -1
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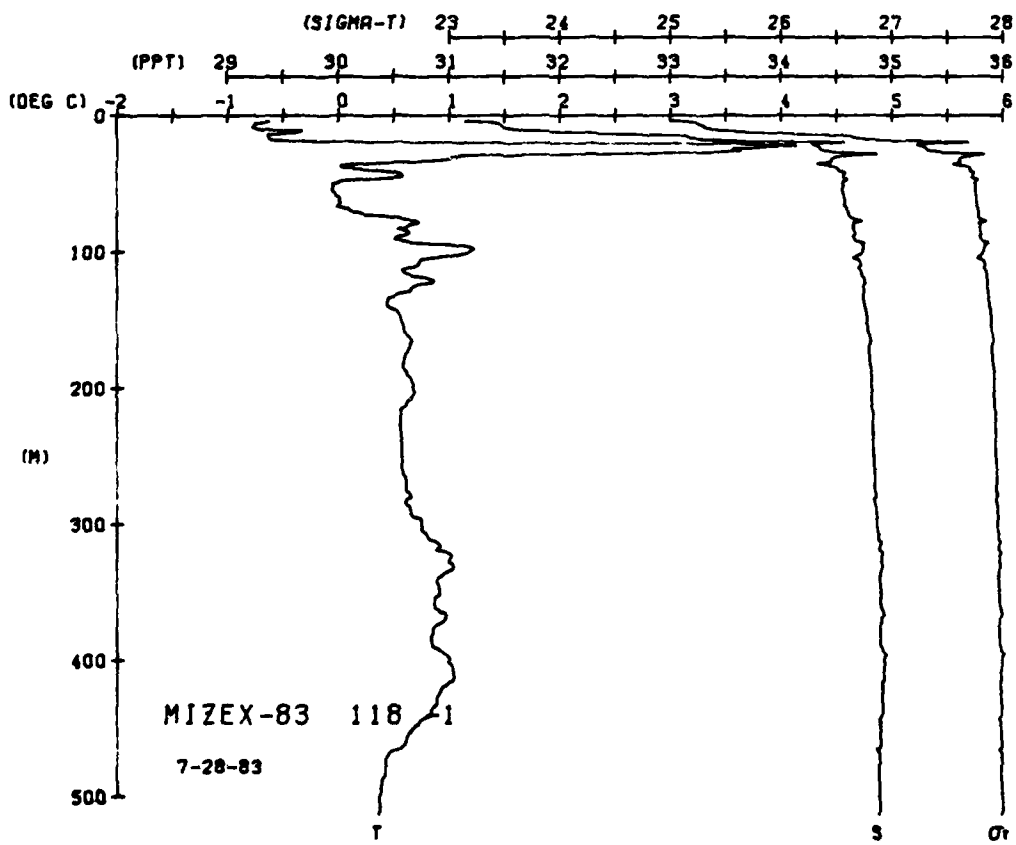
(SIGMA-T) 23 24 25 26 27 28
(PPT) 29 30 31 32 33 34 35 36
(DEG C) -2 -1 0 1 2 3 4 5 6
0
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MIZEX-83 118 -1
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MIZEX-83 STATION 119(1) CTD 28/JUL/1983 1959 GMT CODE = 1
LAT = 78.4267N LNG = 2.7833W LTER = 150. LGER = 150.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.77	1.77	31.81	25.43	254.0	*****	1452.9
1.9	1.77	1.77	31.81	25.43	254.0	*****	1452.9
5.0	1.79	1.79	32.00	25.58	239.4	*****	1453.3
10.0	3.89	3.89	34.10	27.08	97.0	*****	1465.3
15.0	5.40	5.40	34.69	27.38	68.8	*****	1472.5
20.0	5.44	5.44	34.99	27.62	46.7	*****	1473.2
25.0	0.59	0.59	34.56	27.72	36.6	*****	1451.8
30.0	1.39	1.39	34.56	27.66	41.9	*****	1455.5
35.0	1.99	1.99	34.78	27.80	29.2	*****	1458.5
40.0	2.01	2.00	34.60	27.65	43.5	*****	1458.4
45.0	2.56	2.56	34.77	27.74	34.5	*****	1461.2
50.0	2.65	2.65	34.85	27.80	29.4	*****	1461.7
55.0	2.71	2.70	34.83	27.78	31.4	*****	1462.0
60.0	2.20	2.20	34.84	27.82	27.0	*****	1459.9
65.0	2.11	2.11	34.82	27.82	27.5	*****	1459.6
70.0	2.95	2.95	34.91	27.82	27.5	*****	1463.5
75.0	3.11	3.11	34.97	27.85	24.9	*****	1464.3
80.0	3.29	3.29	34.96	27.83	27.0	*****	1465.1
85.0	3.04	3.04	35.01	27.89	21.5	*****	1464.2
90.0	2.90	2.90	34.99	27.88	21.9	*****	1463.7
95.0	2.55	2.54	34.93	27.87	23.0	*****	1462.1
100.0	2.46	2.45	34.92	27.87	23.1	*****	1461.8
110.0	2.27	2.26	34.92	27.89	21.2	*****	1461.1
120.0	2.24	2.23	34.92	27.89	21.6	*****	1461.2
130.0	2.22	2.21	34.93	27.89	20.8	*****	1461.3
140.0	2.20	2.20	34.92	27.89	20.8	*****	1461.4
150.0	2.26	2.26	34.95	27.91	19.7	*****	1461.8
160.0	2.16	2.15	34.94	27.91	19.4	*****	1461.5
170.0	2.12	2.11	34.94	27.91	19.4	*****	1461.5
180.0	2.13	2.12	34.96	27.93	18.0	*****	1461.8
181.7	2.13	2.12	34.95	27.92	18.6	*****	1461.8
190.0							
200.0							
201.9	2.13	2.12	34.97	27.94	17.1	*****	1462.1
210.0	2.19	2.18	34.99	27.95	16.0	*****	1462.6
220.0	2.20	2.19	34.99	27.95	16.1	*****	1462.8
230.0	2.09	2.07	34.98	27.95	16.1	*****	1462.4
240.0	2.12	2.11	34.99	27.96	15.4	*****	1462.8
250.0	2.19	2.17	35.02	27.97	14.1	*****	1463.2
260.0	2.12	2.11	34.98	27.94	16.7	*****	1463.1
270.0	1.97	1.95	34.99	27.97	14.6	*****	1462.6
280.0	2.12	2.11	35.02	27.98	13.7	*****	1463.5
290.0	2.00	1.98	34.99	27.97	14.8	*****	1463.0
291.6	1.94	1.93	34.98	27.96	15.0	*****	1462.8
300.0							
309.9	1.63	1.62	34.95	27.96	14.9	*****	1461.7
310.0	1.63	1.61	34.96	27.96	14.7	*****	1461.7
320.0	1.49	1.47	34.95	27.97	13.7	*****	1461.2
330.0	1.44	1.42	34.93	27.96	14.8	*****	1461.2
340.0	1.38	1.36	34.95	27.98	13.1	*****	1461.1
350.0	1.48	1.46	34.95	27.97	13.8	*****	1461.7
360.0	1.29	1.27	34.96	27.99	11.8	*****	1461.0
370.0	1.33	1.31	34.95	27.99	12.7	*****	1461.4
380.0	1.38	1.36	34.96	27.99	12.2	*****	1461.8
390.0	1.21	1.19	34.95	27.99	12.3	*****	1461.1
400.0	1.19	1.17	34.95	28.00	11.6	*****	1461.2
410.0	1.22	1.20	34.96	27.99	11.8	*****	1461.6
420.0	1.21	1.19	34.96	28.00	11.6	*****	1461.7
430.0	1.18	1.16	34.96	28.00	11.4	*****	1461.7
440.0	1.09	1.07	34.95	28.00	11.0	*****	1461.4
449.5	0.99	0.96	34.96	28.01	9.8	*****	1461.2

DEPTH TEMP. SALIN

MIZEX-83 STATION 120(1) CTD 31/JUL/1983 1454 GMT CODE = 1
LAT = 80.0000N LNG = -1.4500W LTER = 30. LGER = 30.
AIR TEMP = 0.0 BAROM = 0.0 WIND = 0.0 SPEED = 0.0

DEPTH	TEMP	PTEMP	SALIN	SIG T	SPVOL	DYNHT	SOUND
0.0	1.37	1.37	31.59	25.28	268.2	*****	1450.8
1.9	1.37	1.37	31.59	25.28	268.2	*****	1450.8
5.0	1.09	1.09	32.39	25.94	205.2	*****	1450.7
10.0	0.65	0.65	33.42	26.79	124.5	*****	1450.2
15.0	-1.28	-1.28	33.67	27.09	96.4	*****	1441.8
20.0	-1.32	-1.32	34.01	27.37	70.0	*****	1442.1
25.0	1.12	1.12	34.31	27.49	58.8	*****	1453.8
30.0	1.00	1.00	34.45	27.60	48.0	*****	1453.5
35.0	2.03	2.03	34.97	27.94	15.7	*****	1458.9
40.0	3.79	3.79	34.84	27.68	40.4	*****	1466.4
45.0	4.04	4.04	34.88	27.68	40.3	*****	1467.6
50.0	3.87	3.87	34.90	27.72	36.7	*****	1467.0
55.0	4.28	4.27	34.95	27.72	37.4	*****	1468.9
60.0	4.32	4.32	34.98	27.74	35.5	*****	1469.2
65.0	4.52	4.51	35.00	27.73	36.0	*****	1470.1
70.0	4.50	4.49	35.01	27.74	35.7	*****	1470.1
75.0	4.49	4.49	35.02	27.75	34.4	*****	1470.2
80.0	4.42	4.42	35.01	27.75	34.8	*****	1470.0
85.0	4.33	4.33	35.02	27.77	32.8	*****	1469.7
90.0	4.28	4.28	35.02	27.77	32.5	*****	1469.6
95.0	4.23	4.22	35.02	27.78	31.8	*****	1469.4
100.0	4.26	4.26	35.04	27.79	31.1	*****	1469.7
110.0	4.00	3.99	35.04	27.82	28.7	*****	1468.7
120.0	4.05	4.04	35.05	27.82	28.2	*****	1469.1
130.0	3.89	3.88	35.02	27.82	28.6	*****	1468.6
140.0	3.79	3.78	35.04	27.84	26.3	*****	1468.3
150.0	3.55	3.54	35.09	27.90	20.9	*****	1467.6
160.0	3.47	3.46	35.03	27.87	24.0	*****	1467.3
170.0	3.16	3.15	34.99	27.86	24.4	*****	1466.1
180.0	2.91	2.90	34.99	27.88	22.3	*****	1465.2
190.0	2.88	2.87	35.00	27.90	21.1	*****	1465.2
200.0	2.94	2.92	35.01	27.90	20.9	*****	1465.7
210.0	2.87	2.86	35.01	27.90	20.8	*****	1465.5
220.0	2.79	2.74	35.01	27.92	19.4	*****	1465.2
230.0	2.67	2.66	35.01	27.93	18.6	*****	1465.0
240.0	2.58	2.56	35.00	27.93	18.6	*****	1464.8
250.0	2.46	2.45	35.01	27.94	17.3	*****	1464.4
260.0	2.47	2.45	35.00	27.94	17.8	*****	1464.6
270.0	2.38	2.37	35.01	27.94	17.0	*****	1464.4
280.0	2.32	2.31	35.00	27.94	17.0	*****	1464.3
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340.0	2.08	2.06	35.00	27.96	15.3	*****	1464.3
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370.0							
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410.0	1.87	1.85	35.00	27.98	13.8	*****	1464.5
420.0	1.82	1.80	35.00	27.98	13.7	*****	1464.4
430.0	1.76	1.74	35.01	28.00	12.4	*****	1464.4
440.0	1.73	1.70	35.00	27.99	12.9	*****	1464.3
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470.0	1.50	1.47	34.99	28.00	11.8	*****	1463.8
480.0	1.41	1.39	34.99	28.01	11.3	*****	1463.6
490.0	1.34	1.31	34.97	28.00	12.0	*****	1463.4

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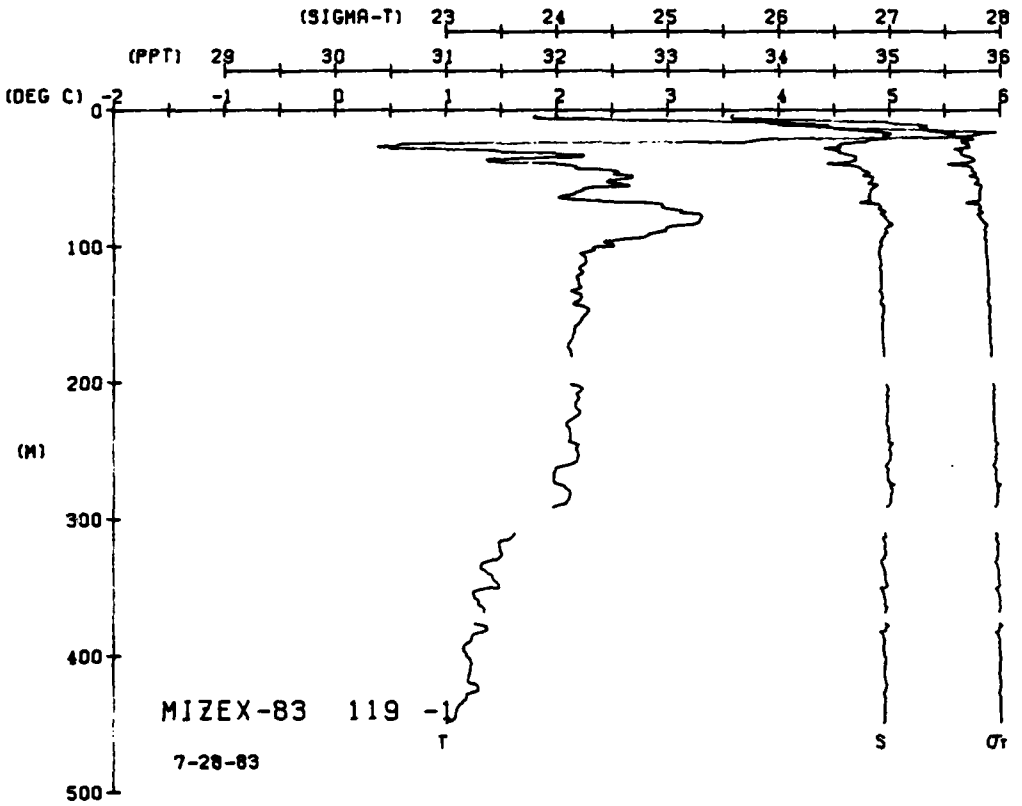
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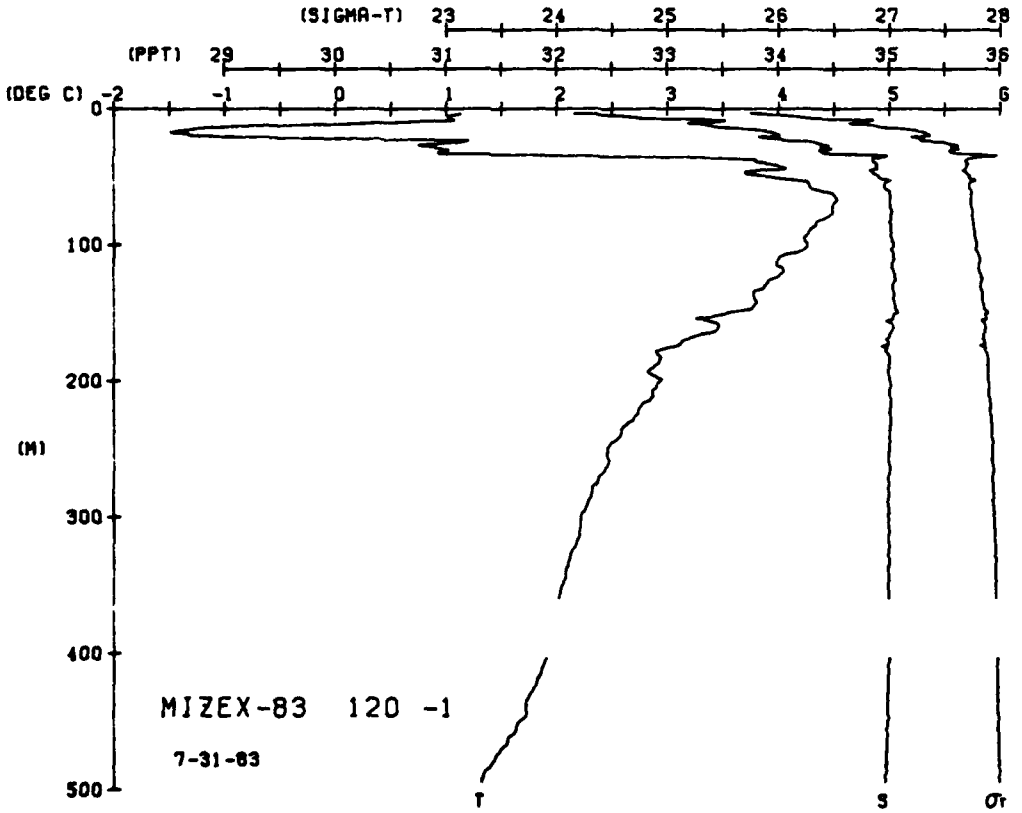
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MIZEX 83, conductivity, temperature, STD profiles, Fram Strait

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During the 1983 Marginal Ice Zone Experiment (MIZEX 83) located in the Fram Strait, both ship and Helicopter-based C/STD's were used to define the finescale and larger oceanographic structures within the operational area. This technical report outlines the acquisition and data reduction programs for the 120 helicopter-based stations taken during that time period.

Very little manipulation was done to the data to finalize it, since both helicopter C/STD's showed very little deviation from pre- and post-cruise

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calibrations. The only exception was the calibration equation offsets for conductivity on both instruments. For these offset determinations, bottle and intercalibration data were used to define the coefficients. Response time of the temperature sensor was corrected for thermal lag constant (τ) until descending and ascending parts of the cast on a T-S diagram were nearly congruent.

Standard level listings of temperature, potential temperature, salinity, sigma-t, specific volume anomaly, dynamic height, and sound velocity are given for each cast along with plotted profiles of temperature, salinity and sigma-t.

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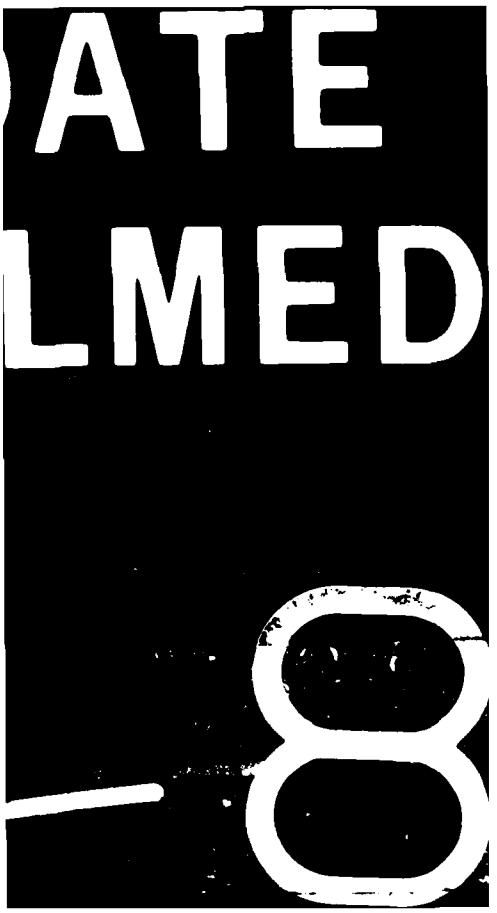
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